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New York, Apr. 23, 1901.

The Executive Committee of the American Smelting & Refining Co. met at their office, No. 71 Broadway, New York City, April 23rd, 1901, for organization.

There were present: Messrs. E. W. Nash, Daniel Guggenheim, Barton Sewell, J. B. Grant, Morris Guggenheim, Dennis Sheedy, A. Eilers and Simon Guggenheim.

The Secretary recorded.

The President called the meeting to order and, on motion, duly seconded, Mr. Daniel Guggenheim was unanimously elected Chairman of the Executive Committee.

The Chairman presented a scheme of office and operating organization.

On motion, duly seconded, Mr. William E. Merriss was elected Assistant Secretary of the Company, and Mortimer Mack was selected to have general oversight over the office force of the Commercial Department under the supervision of the Secretary.

It was unanimously voted to establish an Operating Department under the supervision of Mr. Meyer, Mr. Eilers, Mr. Finney and Mr. Morse, subject to such changes, in the way of additional assistance, as may be found necessary.

It was unanimously voted to establish a Western Executive Committee consisting of Messrs. Grant, Sheedy, Gufterman and Newhouse, with such further assistance as may be found necessary.

Secretary.

Mr. J. B. Grant tendered his resignation as Manager of the Grant Plant, which was accepted.

Mr. Dennis Sheedy tendered his resignation as Manager of the Glove Plant, which was accepted.

Mr. Simon Guggenheim tendered his resignation as General Manager of the Philadelphia Plant, which was accepted.

It was voted that in the workings of the Western Executive Committee, Mr. Sheedy should be Chairman of the Commercial Department and J. B. Grant Chairman of the Technical Department.

On motion, the meeting adjourned until two o'clock, April 24th, 1901.

New York City, Apr. 24, 1901.

Pursuant to adjournment, the Executive Committee of the American Smelting & Refining Co. met at their office #71 Broadway, New York City, on Wednesday, April 24th, 1901, at two o'clock P. M.

There were present, Messrs. Daniel Guggenheim, Chairman, Barton Sewell, E. W. Nash, Morris Guggenheim, Dennis Sheedy, Simon Guggenheim and A. Eilers.

It was voted that the following plants report to the Western Executive Committee at Denver, of which H. Lyne shall act as Secretary. Refineries: National Plant, Omaha Plant, Argentine Plant and Perth Amboy Plant. Smelters: Pueblo Plant, Eilers Plant Philadelphia Plant, Globe Plant, Grant Plant, Durango Plant, Arkansas Valley Plant, Union Plant, Bi-Metallic Plant, the Utah Plants and the Montana Plants.

It was voted that a Consulting Metallurgical Department should be organized to consist of A. Raht, R. D. Rhodes and Franklin Guiterman. The duties of this department shall be to study the improvements of metallurgical operations at smelting works only. Their reports shall be made directly to the Operating Committee at New York, but duplicate reports shall be sent to the Western Executive Committee at Denver.

It was voted that a Consulting Refining Committee be appointed to consist of Walter T. Page, Herman Garlicks and F. R. F. Rhodes, whose duties shall be to study the improvements of refining operations, and where necessary and practicable to go from plant

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to plant with a view of studying the situation at each plant and recommending improvements. Such recommendations to be to the Operating Committee at New York.

It was voted to establish an Engineering Department consist of Messrs. Robinson, Ruetschi and Pétter, whose duty shall be to study engineering problems as applied to the work of this Company, recommending improvements in all lines of engineering, and whose duty it shall also be to pass upon engineering propositions suggested by any official. Reports shall be made directly to the Operating Committee at New York but duplicate reports shall be sent to the Western Executive Committee at Denver.

It was voted to establish as soon as practicable Departments of Labor, Fuel, Consulting Mining and Insurance.

It was voted to establish an Ore Traffic Department under the supervision of A. R. Meyer, Solomon Guggenheim and Simon Guggenheim. Mr. Feustman shall act under the supervision of this Committee, collating at the New York office all information needed as to stocks on hand at all plants of the Company.

They shall have general supervision over supply and smelting plants at Aguas, Monterey and Silver City, El Paso and the western plants through the Western Executive Committee at Denver.

It was voted to establish a Financial Department under the supervision of Isaac Guggenheim, Treasurer; Thomas Adams, Asst. Treasurer; and Mr. Druding, Cashier. This department shall report directly to the Executive Committee.

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It was voted to establish a Traffic Department under the supervision of S. W. Eccles, Traffic Manager, to have full charge of all the railroad business of the company. Reports to be made directly to the Executive Committee.

It was voted to establish a Sales Department to consist of Messrs. Morris, Guggenheim, Barton Sewell, Edward Brush and Thos. J. Phillips, to have charge of metal sales.

It was voted to establish a Purchasing Department under the supervision of John K. MacGowan, Purchasing Agent, with assistants at such points as may hereafter be determined upon.

It was voted to establish an Auditing Department to consist of Comptroller, General Auditor, Auditor of Receipts, Auditor of Disbursements, and travelling auditors. This department shall have general supervision over financial and operating accounts.

It was voted to place H. R. Simpson in full charge and direction of plants at Aguas, Monterey, El Paso and Silver City. Mr. Dieffenbach to be retained in his present position, and reporting to Mr. Simpson. Mr. Simpson will report directly to the Operating Committee at New York.

The following resolution was adopted by the unanimous vote of those present:

"RESOLVED, that the agreement entered into and executed on the 14th day of March, 1901, by and between the Ontario Silver Mining Co., and American Smelting & Refining Co., signed by the

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President and attested by the Secretary under seal, be, and t
same is hereby authorized, ratified and confirmed.

On motion, duly seconded, the meeting adjourned.

NEW YORK, May 18.

Pursuant to adjournment, the Executive Committee of the Smelting & Refining Co. met at their office, 471 Broadway, May 18th, 1901, at eleven o'clock A.M.

There were present, Daniel Guggenheim, Chairman, J. W. Barton Sewell, Murray Guggenheim and Isaac Guggenheim.

The matter of contract for water with the Old Reclaiming Mexicana was referred to, and the Secretary was requested to ascertain the monthly tonnage proposed.

Mr. Murray Guggenheim presented a draft of contract to be entered into between the American Smelting & Refining Co. and United Selling Co., as parties of the first part, and Messrs. Hardy & Hannan, as party of the second part, covering sales of silver to Messrs. Hardy & Hannan. It was decided that the contract should be for two years on the cancellation of contract existing between American Smelting & Refining Co. and the Standard Metal Co.; same time the Secretary was authorized to write Messrs. Hardy to the effect that it was the opinion of the Executive Committee that such contract was an advantageous one to the company, and was doubtless be continued from year to year on expiration of the new contract.

Minutes of meetings of the Western Executive Committee, 10th, 11th and 13th were read and approved.

A letter from H. Lyne, Secretary of the Western Executive Committee was read recommending transferring Mr. P. A. D. March to the Great Falls Plant to the Grant Plant, and also asking for in connection with the management of the Grant Plant. The

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was instructed to write to the Western Executive Committee to consult Governor Grant, who was expected to reach Denver this date, at the same time approving of the transfer of Mr. Mannheim.

The Secretary was instructed to suggest to the Western Executive Committee the possibility of using the services of Mr. Hallou in some other direction than as Manager of the Bi-Metallie Plant.

The Secretary was instructed to communicate with the Western Executive Committee with reference to the method of drawing checks in Pueblo by Banks to the order of American Smelting & Refining Co. and endorsed over by Mr. Ritchie to parties to whom the Company is indebted.

On motion, duly seconded, the meeting adjourned until May 20th, 1901, at eleven o'clock.

New York, July 23, 1901.

The regular daily meeting of the Executive Committee of American Smelting & Refining Co. was held at their office July 23, 1901, at 11 o'clock A. M.

There were present: Messrs. Daniel Guggenheim, Barton Sewell, Isaac Guggenheim, Morris Guggenheim, Solomon Guggenheim and A. Eilers.

Mr. Sewell reported regarding the profits of the Globe Plant and the Grant Plant for the month of June. It was decided that hereafter the monthly profits or losses should be telegraphed promptly to the Secretary instead of to the Comptroller, and the Secretary was instructed to draft Circular Letter giving form for such telegraphic report covering financial outcome, metallurgical outcome, quotational outcome and losses of metals. Also, requesting the managers to transmit to the Secretary at the same time that they telegraphed, a letter of explanation drawing attention to any situation different from the normal.

The former authorization for installation of oil burner at Perth Amboy was raised from \$3000 to \$8000.

Appropriation No. 38 was made on the recommendation of the Operating Department covering construction of a trestle work at Perth Amboy; estimated cost \$1700, to be charged to "Repairs".

On motion the meeting adjourned.

New York, August 8, 1901.

The regular daily meeting of the Executive Committee of American Smelting & Refining Company was held at their office No. 71 Broadway, New York City, August 8th, 1901, at 11 o'clock A. M.

There were present: Messrs. Barton Sewell, Chairman; Solomon Guggenheim; Morris Guggenheim and A. Eilers.

On the recommendation of the Operating Department the following bonuses were approved at the Perth Amboy Plant:

To George Thomas, \$10.00 for suggesting method of casting bus bars 16 ft. long whereby the bar is compressed at each end after casting in order to prevent a crack occurring in middle of casting, and of \$25.00 to Thomas McGrael of the Perth Amboy Plant for suggesting method of timing contact between copper starting sheet and cross rods riveted thereto by dipping same in molten solder and wiping the contact. The Secretary was instructed to call the attention of the Chicago, Omaha and Argentine refineries to this latter suggestion.

The Operating Department presented report from the Superintendent of refinery at Perth Amboy showing that 98.5% of the silver could be produced from their parting plant in an average of 48 hours, and 99.28% of the silver could be produced in 5 hours. The report showed that by the Moebius process it was not possible to check the gold and silver during the month. It was ordered that unless the expense be too great that a cut off be made every two weeks.

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The Secretary presented monthly report from the Sales Department and from the Purchasing Department.

Letter from the Western Executive Committee and Mr. Jones, Supt. at Salt Lake was read recommending the closing of the Mingo Plant and dismantling of the same, using such machinery as can be used at the new plant. This was approved by the Executive Committee with instructions that the Operating Department should be notified of all machinery that cannot be used.

Letter from the Western Executive Committee was read reporting that Judge Hallett had decided that the Pierce Furnace was an infringement of the Brown-O'Hara patent. The letter stated that the decision was so remarkable that it was universally believed that it would be reversed by the higher court.

The Secretary presented letter from Mr. Page showing the undesirability of smelting Joplin ores at Argentine, but making report of the arrangement made with the Pitcher Lead Company, which the Executive Committee felt to be wise and ordered continued.

The Secretary read letter from Mr. Newhouse of the Western Executive Committee, and also one from Mr. Williams, Chief Clerk at the Denver Office with reference to the return of bed books to Denver and Leadville Plants. The Committee decided that notwithstanding the request of the Western Executive Committee that the books should be returned to the plants as previously ordered.

Communication from Mr. Phillips, Manager of the Sales Department, was read by the Secretary, calling attention to the

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doing away of drafts against shipments on the part of the Comptroller. Mr. Phillips' draft of letter to be sent to customers in connection with this change, was approved, and at the same time the Secretary was requested to suggest to the Comptroller that before making such changes the Sales Department should be notified and consulted.

Communication from the Auditor was read enclosing copy of letter from Mr. Guiterman of the Western Executive Committee to Mr. Karl Eilers, General Supt., with reference to inventory of the Pueblo Plant. The letter of Mr. Guiterman indicated former practices at the Pueblo Plant which the Executive Committee could not sanction, and the Secretary was instructed to write Mr. Guiterman accordingly.

Report of Mr. Guiterman of the Western Executive Committee enclosing report from Mr. Bayles regarding evaporative tests was presented and referred to the Operating Department.

The Secretary read draft of letter to Mr. Escher, notifying him of the proposed changes in the management of the Mining Department, and informing him that his services would not be required after the first of September, which was approved and ordered forwarded.

The Secretary read extracts from the minutes of the Western Executive Committee, July 22nd to 27th.

The Secretary was instructed to communicate with the Western Executive Committee with reference to the absorption accounting at the Grant Plant, disagreeing with the position taken

by Mr. Newhouse, and asking what disposition had been made of the products obtained from the old hearth and crucibles. Also, asking that such changes in accounts be not made without first calling the matter to the attention of the Executive Committee.

With reference to the direct correspondence between Mr. Karl Eilers and Mr. Robinson, objected to by the Western Executive Committee, the Secretary was instructed to inform the Western Executive Committee that in the opinion of the Executive Committee the superintendents of plants were expected to keep themselves informed and to gain information in regard to all matters pertaining to their plants from whatever and from all sources possible, and such information as they gained they should use to their advantage, bringing the same to the attention of their superiors; the communications between Mr. Eilers and Mr. Robison evidently being unofficial and with the intention on the part of Mr. Eilers of gaining information, which he properly brought to the attention of the Executive Committee.

On motion the meeting adjourned.

New York, August 20, 1901.

The regular daily meeting of the Executive Committee of American Smelting & Refining Co. was held at their office No. 71 Broadway, New York City, August 20th, 1901, at 11 o'clock A.M.

There were present: Messrs. E. W. Nash, Chairman; Barton Sewell; Solomon Guggenheim; Morris Guggenheim and A. Eilers.

The Secretary reported that the counsel of the company and the Secretary of the Stock Exchange had both approved of the present form of certificate substituting for the Manhattan Trust Co. any other Transfer Agent to be designated by the company. It was therefore voted that Mr. John Mandall should be designated as Transfer Agent of the company, the Secretary being authorized to sign as Transfer Agent in the absence of Mr. Mandall.

The President referred to matter of settlement for ore shipments made by Mr. Hyman, reading letter from Mr. Simon Guggenheim in regard to the matter. It was decided to inquire of Mr. Newhouse as to the amount likely to be in question in connection with declining further to pay rebates on shipments to Leadville.

Attention was called by the President that the Philadelphia Plant in assaying bullion were assaying the absorptions. The Secretary was instructed to call this to the attention of the Western Executive Committee, as all other plants are not assaying absorptions.

The Secretary presented letter through Western Executive Committee from Mr. Whitley with reference to the union and labor situation; report from the Comptroller giving the Consolidated

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Kansas City Smelting & Refining Co. trial balance as of the 30th of June; and report from Mr. Guiterman regarding the general situation in Pueblo as to necessary improvements, all of which were ordered distributed for the information of the Executive Committee.

The Secretary presented letter from the Western Executive Committee with reference to the necessity of more power at the Leadville Plant, and suggesting the removal of boiler from the Bi-metallic Plant. The Secretary was instructed to request the opinion of the Western Executive Committee as to whether they would advise the dismantling of the Bi-metallic Plant.

Letter of explanation from Mr. Rodman, General Agent at Leadville was read with regard to the earnings of the Leadville Plant for June showing an excess loss of gold, which it was believed, however, would be recovered.

The Secretary read letters from Mr. Raht with regard to the construction of furnaces at El Paso, comparing the same with the furnaces being built at Murray. The suggestions of Mr. Raht as to changes from the plan adopted for the Murray Plant were not considered by the Committee essential or of large importance.

The Secretary was instructed to notify the plants in amendment of Circular Letter No. 13, that the foreman should be included among those who should be awarded for valuable suggestions.

The Purchasing Agent reported an improvement at Tampico.

Letter from the Western Executive Committee with reference to absorption account at the Grant Plant was satisfactory, but the

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Secretary was instructed to make further inquiries for particulars to the amount of absorption carried in inventory, etc.

The Purchasing Agent submitted copy of contract drawn between the Southwest Chemical Co. and the American Smelting & Ref Co., for 66 degree acid, signed by Mr. A. R. Meyer, Prest. of the Southwest Chemical Co. Mr. MacGowan explained that at the suggest of Mr. Nash, Mr. Meyer had been requested to guarantee delivery either from the works of the Southwest Chemical Co. or by purchase or at least if the Smelting Company should be obliged to purchase elsewhere, the Chemical Company would pay the difference between the contract price and the purchase price. To this suggestion no reply had been received. Mr. MacGowan was instructed that the sense of Committee was to the effect that the provision as suggested by Mr. Nash was a wise and a necessary one.

The Secretary presented letter from the Western Executive Committee enclosing report from Mr. Whitley regarding the increase assessment of the East Helena Plant. Also, letter from the attorneys of the company at Helena, from which it was thought advisable by the Committee to leave the matter for the present without further action.

The Secretary presented telegram from the Aguas Calientes Plant giving earnings for June as follows: Lead Department, \$34,276.00; General, \$11,072.00; Copper Department Loss, \$7474.00. The Secretary was instructed to inquire of Mr. Westlund why the report of advice recently sent out by the Executive Committee had not been followed, and making inquiry as to the loss in the Copper Department.

The Secretary read letters from the Western Executive

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Committee with regard to the inventory at the Pueblo Plant, explaining the situation at this plant, and requesting that the action taken by the Western Executive Committee should be expunged from the records.

After considering the full correspondence, the Executive Committee requested the Secretary to draft letter in reply, to be submitted to the Executive Committee at the next meeting, to the effect that the Western Executive Committee had misunderstood the intention of the Executive Committee, which dealt with principles involved and was not intended to be personal criticism of Mr. Guiterman. The Executive Committee felt that the principles laid down in the letter of the Committee under date of August 8th were correct and should be followed at all plants of the company. The application of these principles to the inventory at Pueblo was comparatively unimportant and the whole matter was a matter of opinion and business judgment in which the Executive Committee must feel that the methods adopted at the Pueblo Plant in the past had not been correct.

On motion the meeting adjourned.

New York, August 22, 1901.

The regular daily meeting of the Executive Committee of the American Smelting & Refining Company was held at their office No. 71 Broadway, New York City, August 22nd, 1901, at 11 o'clock A. M.

There were present: Messrs. E. W. Nash, Chairman; Barton Sewell; Solomon Guggenheim; Morris Guggenheim and A. Eilers.

The Operating Department presented requisition from the Globe Plant covering repairs for the month of July amounting to \$4997.47, which was approved, to be charged to "Repairs". Appro. #5!

The Operating Department presented requisition from the Western Executive Committee covering expense of building a fence around the Grant Plant of \$2144.00, but it was the opinion of the Executive Committee that unless there was some greater need for this fence than known, it should be returned without approval.

The Secretary presented communication from the Mining Department signed by Mr. Feustman and Mr. Kauffman, recommending the discontinuance of work on the Pachuquena Shaft. It was deemed by the Committee that the reasons given by the Mining Department were conclusive and they were authorized to discontinue this work.

The Secretary read letter from the Western Executive Committee calling attention to the bullion receipts at the Globe Plant. It was decided to confine the refining of bullion at the Globe Plant to 1800 tons, the balance to be shipped to Omaha.

The Secretary presented report from the Purchasing Dept., indicating that the difficulties at Tampico had been overcome. On motion the meeting adjourned.

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New York, September 6, 1901.

The regular daily meeting of the Executive Committee of American Smelting & Refining Co. was held at their office No. 71 Broadway, New York City, September 6th, 1901, at 11 o'clock A. M.

There were present: Messrs. Daniel Guggenheim, Chairman; E. W. Nash; Barton Sewell; Isaac Guggenheim; Selomon Guggenheim; Simon Guggenheim; A. R. Meyer and A. Eilers.

Mr. Nash reported that Mr. Koop was willing to accept a cash settlement of \$4000, cancelling his contract with the company for the sale of blue vitriol, which it was decided to accept.

Circular to stockholders was presented by the Secretary and approved. It was decided to have this mailed to all stockholders as usual.

The following resolution was adopted by unanimous vote:
"Resolved, that the Comptroller be instructed to debit \$1,000,000 to Profit and Loss account and credit the same to Property Account of the company."

It was decided to appoint Mr. W. S. Morse, General Manager of the Southern Department, leaving Mr. Simpson as Manager, it being the sense of the Committee that the headquarters of General Manager and Manager should both be at the same place, and in Mexico.

The Secretary was instructed to draft circular letter covering the necessary changes, and instructing Mr. Simpson to report to Mr. Morse.

On request of the Comptroller it was decided that the loss of bullion in transit should be charged to the shipping plant.

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Letter from the Comptroller was read submitting letter from the Chief Clerk at Denver with items of questionable value in the assets of the Grant and Eilers Plants, and it was voted the the Comptroller be instructed to submit monthly letter to the Executive Committee with regard to all such items, and the Secretary was instructed to take up with the Western Executive Committee the questionable items referred to, asking for further particulars, and with instructions that the claims be pushed.

In response to request of the Western Executive Committee, it was decided that the East Helena Plant should figure their margins on the basis of 100% silver and lead, as in the case of all other plants.

Letter of the Western Executive Committee was submitted referring to the requisitions sent in for fences around the several plants; it was decided that nothing should be done at present, but the Western Executive Committee were asked to bring the matter up for further discussion later in the year.

The matter of building the mechanical roasters and roofing the flues at the Arkansas Valley Plant referred to in the letters of the Western Executive Committee under date of Sept. 3rd was referred to the Operating Department.

In response to suggestion from Mr. Knight, Manager at Monterey, the Committee decided to authorize a subscription of \$600, Mex. to the fund being raised for the entertainment of the Congress of American Republics at Monterey.

The Secretary reported negotiation with the General Chemical Co. with reference to their claim for \$4000 damage in

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in connection with acid contract for the Argentine Plant, and the Secretary was instructed to compromise with the Chemical Company at a division of the claim.

On the recommendation of the Operating Department, the following requisitions were approved:

No. 77, Aguas Calientes Plant; \$5000, for extending power house building to take in lead blowing plant and machine shop, to centralize all power with fire proof construction; charge to Improvement.

No. 78, El Paso Plant, one steel and iron shed addition to blacksmith shop; estimated cost \$1200, to be charged to Improvement.

No. 79, El Paso Plant, one 30 x 60 brick and iron machine and tin shop; estimated cost \$2100, to be charged to Improvement.

No. 80, Grant Plant, covering July repairs, amounting to \$583.00 to be charged to "Repairs".

No. 81, Arkansas Valley Plant; repairs for July, \$5966.66, charge to "Repairs".

The subject of building six roasters at the Monterey Plant was considered by the Committee and it was decided to authorize their building, the Operating Committee to report later as to the details of cost and construction.

On motion, the meeting adjourned.

New York, Sept. 16, 1901

The regular daily meeting of the Executive Committee of American Smelting & Refining Co. was held at their office No. 71 Broadway, New York City, September 16th, 1901, at 11 o'clock A. M.

There were present: Messrs. E. W. Nash; Barton Sewell; Isaac Guggenheim; Solomon Guggenheim; A. Eilers.

The Secretary presented statement in detail from all plants, and earning accounts of the company, showing Profit and Loss items for the quarter ending July 31st, with the exception of July earnings from Aguas Calientes. The Secretary was instructed to obtain from the Auditor an account of the Metallurgical losses in the Colorado Plants for the three months ending July 31st.

The President presented through Messrs. Reed, Simpson, Thacher & Barnum, bill of Mr. Pardo for services, amounting to \$20,000 Mex., and it was decided to refer this to Mr. Daniel Guggenheim.

The Ore and Traffic Committee presented communication from Mr. Simpson with reference to preventing the Federal Copper Co. from obtaining a concession from the Mexican Government. It was decided to refer this to Mr. Daniel Guggenheim for action.

In response to inquiry from Mr. Page, it was decided to order the bullion made at Argentine, in cleaning up, shipped to the National Plant. It was learned that the refinery had been entirely closed down and the reverberatories, softeners and cupel completely smelted.

Communication was received from Mr. Braden, stating the objections on the part of the Coeur D' Alene miners, to the

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company receiving additional shipment of lead ores from the Empire State. The Secretary was instructed to draft a letter in response after consulting with Mr. Nash and Mr. Sewell, to be submitted to the Committee at the meeting tomorrow the 17th inst.

The Secretary presented report from Mr. Guiterman with reference to the metallurgical losses in gold at the Grant Plant, which still continues. The matter was referred to the Operating Committee.

In response to inquiry from Mr. Newhouse, it was decided advisable to pay duty on the lead in Huanchaca ore before shipping the same to Pueblo.

Request on the part of Mr. Westlund for a vacation was referred to Mr. Solomon Guggenheim.

The Western Executive Committee called attention to request from the East Helena Plant for new blast furnaces, recommending that the Philadelphia style be adopted instead of the style now in use at East Helena. The Secretary was instructed to write the Western Executive Committee that it was not advisable to change from the uniform furnace in use at East Helena, which was giving most satisfactory results.

Recommendation on the part of Mr. Jones for the building of cottages at the Murray Plant, was presented and discussed. It was decided to advise Mr. Jones to interest outside parties in the building of the cottages if possible.

Communication from the Western Executive Committee with reference to the locating of new boilers at the Durango plants, was

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referred to the Executive Committee with the recommendation that the situation selected by Mr. Guiterman be approved, provided Mr. Guiterman was not afraid of the position being made dangerous by possible floods.

Communication from the Western Executive Committee was read in regard to doubtful items of accounts at the Grant and Eilers Plants, from which it seems that one of the accounts at the Grant Plant was guaranteed by Gov. Grant, and the other believed to be collectable. The report indicated that the Silver Cord at the Eilers Plant was not collectable and should be charged to Profit and Loss. The Secretary was instructed to inquire for fuller particulars regarding this item.

Communications were read from Mr. Walker with reference to his consultations last week with several members of the Executive Committee and the Secretary, agreeing to the proposed sale of 1000 tons of copper bullion, the transferring of 2000 tons of Huanchaca ore to the west, and indicating that he believed his stock would show a decided decrease by the end of this month.

Communication from Mr. Walker was also read with reference to assaying jointly at the Raritan Works. The Secretary was instructed to write Mr. Walker that in the opinion of the Committee this should be continued.

Report from Mr. Bayles regarding tests of evaporative quality of coal made at the boilers of the Pueblo Plant, was submitted with remarks by Mr. Guiterman, from which it seemed that Mr. Guiterman was satisfied with the report, and that he also was satisfied with the general deficiency of the stokers at the Pueblo

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Plant under present conditions, and that coal of proper quantity and quality can be obtained for that plant. The matter was referred to the Operating Committee.

Letter from Mr. Braden was read with reference to the situation in British Columbia, indicating the building of a lead smelter and refinery at Marysville, the operating of which he did not believe would be successful; the closing down of lead stack at the Halls Mines, and the expectation on the part of the Trail Plant, not to build a refinery.

Communication from Mr. MacGowan, with one from Mr. Meyer attached, with reference to the proposed contract of the Southwest Chemical Co. for acid, was read. The Secretary was instructed to state to Mr. MacGowan, that the description of acid proposed by Mr. Meyer was not satisfactory, and they would suggest that the same be commercial acid, 66 degree, same as has been supplied to the company in the past by the Grasselli Co. and the Chappel Co. Also, that the company could not agree to the limitations as to quantity needed, as suggested by Mr. Meyer.

On motion, the meeting adjourned.

New York, October 18, 1901

The regular daily meeting of the Executive Committee of American Smelting & Refining Co. was held at their office No. 71 Broadway, New York City, October 18th, 1901, at 11 o'clock A. M.

There were present: Messrs. E. W. Nash, Chairman; Isaac Guggenheim; Morris Guggenheim and Solomon Guggenheim.

The Operating Department presented requisition from Aguas Calientes covering the purchase of a piano and billiard table, and it was decided to withhold the approval for the present.

On the recommendation of the Operating Department the following requisitions were approved:

El Paso Plant, #132, addition to sampling works; estimated cost \$1200, charge to Improvement.

Monterey Plant, #133, 800 feet 2" pipe and fittings to furnish purified water to the small locomotives; estimated cost \$200, to be charged to Repairs.

Letter from the Operating Department with reference to requesting Mr. Ottokar Hoffman to visit the Perth Amboy Plant with reference to the installation of plant to purify electrolyte, was presented, but it was decided to do nothing regarding the matter until there was a fuller meeting of the Executive Committee.

Proposition from the Mining Department with reference to releasing lessees of the Cordero Mines near Parral on the payment of one year's taxes, amounting to \$740, Mexican currency, was presented, and it was decided advisable to act in accordance with the advice of the Mining Department.

Acting further upon the advice of the Mining Department, it was decided to arrange, if possible, to lease to Mr. Mitchell,

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the Mena Vieja Dolores property for a short term on a 20% royalty.

Monthly report from the Mining Department was presented and ordered distributed.

The Secretary read extracts from the regular meetings of the Western Executive Committee, September 30th to October 12th. Also read in full memorandum of sessions of members of the Executive Committee in the west with the Western Executive Committee under dates of October 7th, 8th and 9th.

The regular Weekly Report of the Assistant Treasurer was submitted showing an increase for the week in liabilities of about \$140,000.

Report from the Aguas Calientes Plant was presented showing about 400,000 lbs. of copper in stock purchased on terms requiring settlements for copper at 90 days after shipment.

Communication from the Comptroller was read with reference to the position of Mr. Moran in Mexico, suggesting that Mr. E. C. Monday of Monterey be styled Chief Clerk instead of Auditor of the plant. It was decided to authorize this provided there was no objection on the part of Mr. Diefenbach.

The Secretary reported that a further payment on account of the El Paso fire had been made, of about \$13,600.

The regular reports were made as to metal sales, quotations and Mexican Exchange transactions for the past three days. Also, the metal quotations for the same time.

The following reports were made as to September profits of the various plants:

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Durango Plant:

Financial gain \$20,541.02
 Operating Gain 18,966.01
 Quotation gain 1,573.01
 Gold loss 52 ounces, 1-1/4 per cent.
 Silver gain 10,759 " 8-5/8 " "
 Lead loss 81 tons, 11 -3/8 " "
 Copper loss 20,910 lbs. 8-1/8%

Grant Plant:

Financial loss \$96.00
 Operating gain 635.75
 Quotation loss 732.00
 Gold loss 18 ounces, 1/4 per cent.
 Silver loss 4100 ounces, 1-1/4 " "
 Lead loss 56 tons, 3-3/8 " "
 Copper loss 25 tons. Copper loss is \$6854 account
 correction copper quotations for matte in stock.

Pueblo Plant:

Financial loss \$16,098
 Operating loss 15,664
 Quotation loss 234
 Gold gain 100 ounces, 1-1/4 per cent.
 Silver loss 10,315 ounces, 3-3/8 per cent.
 Lead loss 39 tons, 2-1/4 per cent.
 Copper loss is 18 tons, Copper loss is \$9859 account
 correction copper quotations for matte in stock.

Eilers Plant:

Financial gain \$29,387
 Operating gain 30,500
 Quotation loss 1,113.25
 Gold loss 39 ounces, 3/8%
 Silver gain 6250 " 1-7/8%
 Lead loss 23 tons, 1-1/4%
 Copper loss 12 tons. Copper loss is \$2747.25 account
 correction copper quotations for matte in stock.

Helena Plant:

Financial gain \$27,650.00
 Operating gain 28,398.00
 Quotation loss 548.00
 Gold gain 253 ounces, 4%
 Copper gain is 1240 lbs.
 Silver loss is 2661 ounces, 1%
 Lead loss 215,450 lbs. 7%

4513
No. 4. _____

October 18, 1901.

Letter was read from the United Metals Selling Company -
with reference to the interpretation of sales contract with them
and the Secretary was instructed to lay the matter before the
counsel of the company, giving them copy of correspondence and
contract.

On motion the meeting adjourned.

Secretary.

New York, October 21, 1901.

The Regular Daily Meeting of the Executive Committee of American Smelting & Refining Company was held at their office No. 71 Broadway, New York City, October 21st, 1901, at 11 o'clock A. M.

There were present: Messrs. E. W. Nash, Chairman; Isaac Guggenheim; Solomon Guggenheim and Morris Guggenheim.

The following requisitions covering September current repairs were presented, and approved:

No. 134, Globe Plant, \$4445.27, to be charged to Repairs.

No. 135, Grant Plant, \$1594.93, to be charged to Repairs.

A report from the Auditor with reference to his recent examination of the affairs of the Phoenix Crucible Company, was read, and the Secretary was instructed to request the Auditor to make still further investigations to more conclusively prove out the situation.

Letter from Mr. Newhouse, addressed to the Ore & Traffic Committee, with reference to settlements for Huanchaca Ore, was read, and the Secretary was instructed to request the Ore & Traffic Committee to have the regular invoice of Huanchaca Plant transmitted to the plants to which the ore is shipped.

Two communications from Mr. Braden with copy of communication from Judge Bach, were read, with reference to the Le Roi contract. It was decided to wire Mr. Braden suggesting, in addition to previous changes in contract, one limiting the monthly shipments, and another limiting the advance on copper to 75% of the spot price date of agreement of assay.

Secretary.

Communication from Mr. Rhoades was read with reference to the estimated cost of ~~brick~~^{and} at the steel stacks at Monterey and Aguas Calientes. It was decided to leave the matter for the consideration of the Operating Committee.

The Secretary reported the following earnings for the month of September:

GERMANIA PLANT:	Financial gain \$39,207
	Operating Gain 36,753
	Quotation loss 2,454
	Gold loss 27 ounces, 1-1/4 per cent.
	Silver loss 13958 ounces, 4-5/8 per cent.
	Lead loss 150 tons, 8 per cent.
	Copper loss 9000 lbs., 1-5/8 per cent.
NATIONAL PLANT:	Financial gain \$28,500
	Operating gain 26,300
	Quotation gain 2,200
	Metal losses and gains figured same percentages as August.

Communication from Mr. Walker was read showing favorable results at Perth Amboy in connection with the use at the roasters of the Robinson device, showing ~~silver~~^{sulphur} average from 3 to 4% on the first matte which was about the same as on the matte roasted in the other furnaces where the roast was shifted by hand. The Executive Committee were of the opinion that this device should be instituted at once at Monterey.

On motion the meeting adjourned.

New York, November 11, 1901.

The regular daily meeting of Executive Committee of American Smelting & Refining Co. was held at their office No. 71 Broadway, New York City, November 11th, 1901, at 11 o'clock A.M.

There were present: Messrs. Daniel Guggenheim, Chairman; Barton Sewell; Simon Guggenheim; Isaac Guggenheim; A. R. Meyer; Morris Guggenheim and A. Eilers.

The Secretary presented metal quotations and Mexican Exchange for preceding two days. Also, metal sales account.

The following earnings were reported. For September,

Agua Calientes, Lead Department:

Financial gain \$31,000
Operating gain 22,000
Quotation gain 9,000

Gold gain 250 ounces, 13%
Silver loss 400 ounces, 1%
Copper loss 25000 lbs., 1%

Copper Department:

Financial gain \$93000
Operating " 87000
Quotation " 6000

Gold gain 250 Oz. 13%
Silver loss 4000 oz. 1%
Copper loss 25000 lbs 1%

GRANT PLANT:

October
Financial gain \$7552.00
Operating Gain 11315.00
Quotation loss 3762.00

Gold gain 185 ounces, 2-3/8%
Silver loss 2623 ounces, 3/4%
Lead loss 86 tons, 4-3/4%
Copper gain 5 tons, 4-1/2%

Charge to "Repairs" extraordinary \$5233 for improvements.

It was voted to instruct the Grant Plant to charge the cost of the building of the stack to "Improvements" instead of to "Repairs".

The Secretary presented letter from Mr. Simpson with reference to the sale to the Mexican Central R. R. Co. of some land

Secretary.

adjacent to sampling works at Chihuahua, and the matter was referred to Mr. Meyer for investigation and report.

Letter was read from the Western Executive Committee with reference to gold losses at the Arkansas Valley Plant, indicating that the investigation of crucibles did not indicate that the loss had gone into absorptions. The Secretary was instructed to write the Western Executive Committee stating that the Executive Committee believed that these losses had been incurred through faulty assaying and sampling of ore, and possibly of bullion, and asking that most careful investigation be made in regard to the matter.

Letter of Mr. Lyne was read submitting a report made by Mr. Guiterman upon the Relief Association for the benefit of Employees, which he established at the Durango Plant. It was voted to give the matter into the hands of Mr. Simon Guggenheim for investigation and report.

The following Appropriations were presented and approved:

No. 148, National Plant; extension of retort building of steel construction and the continuation of retort flue and erection of 6 retorts; estimated cost \$970.00 to be charged to Improvements.

No. 149, Pueblo Plant; the rebuilding of Brown-O'hara roaster No. 1; estimated cost, \$5000, to be charged to Improvements.

The Secretary read report from Mr. Guiterman with reference to the installation of briquetting press at the Globe Plant, giving the result of the use of a similar press at other plants. After consideration of the same, the following requisition was approved:

No. 150, Globe Plant; briquetting press; estimated expense \$16014, to be charged to Improvements.

Secretary.

No. 3.

November 11, 1901

Letter from Mr. Cyrus Robinson, Chief Engineer, to the Operating Department, together with recommendations from Mr. Finney of the Operating Department, was read, with reference to the removal of the blower engine at the Standard Plant and shipping the same to Aguas Calientes, to be used as a relay on the present converter blowing plant. It was decided to authorize the removal of this blower engine as suggested by Mr. Robinson and the installation at Aguas Calientes. The Secretary was instructed to notify all parties concerned.

The Secretary reported from the Auditor the receipt of ore at all smelters for the month of October as 225,000 tons, and the smelting of 213,000 tons, the accumulation being almost entirely Huanchaca ores. The stocks on hand were as follows:

Gold 175,000 ounces.
Silver 12,500,000 ounces.
Lead 44,000 tons.
Copper 14,500 tons.

Total value, \$20,500,000, showing an increase since the first of the month of 15,000 ounces gold, 1,000,000 ounces silver, 1000 tons of lead and 500 tons of copper.

Draft of contract to be entered into with the Copper Belle Mining Company was submitted through Mr. Feustman and approved. The Secretary was instructed to authorize Mr. Feustman to obtain the execution of the contract by the Copper Belle people and forward it to Mr. Earle for execution on the part of the El Paso Smelting Works as soon as he has been instructed so to do after becoming satisfied himself as to the collateral to be received, and informing the Executive Committee as to the facts in the case.

On motion the meeting adjourned.

Secretary.

New York, November 18, 1901.

The regular daily meeting of the Executive Committee of American Smelting & Refining Company was held at their office No. 71 Broadway, New York City, November 18th, 1901, at 11 o'clock A. M.

There were present: Messrs. Daniel Guggenheim, Chairman; Barton Sewell; Simon, Solomon, Isaac and Morris Guggenheim; A. R. Meyer and A. Eilers.

The Secretary presented regular daily report for Saturday and to-day for metals and Mexican Exchange; also report to date covering sales of metals.

The following earnings statements were presented:

PUEBLO PLANT:

Financial Gain \$11,233
Operating Gain 17,072
Quotation Loss 5,839
Gold gain 500 ounces, 6-5/8%
Silver loss 10,464 lbs., 2-3/4%
Lead Loss 100 tons, 5-1/4%
Copper gain 6 tons, 20-3/8%
Charge to repairs \$4306.00.

EAST HELENA PLANT:

Financial Gain \$35,000
Operating Gain 43,000
Quotation Loss 8,000
Gold Gain 181 ounces, 3%
Silver Loss 4540 ounces 1-1/2%
Lead loss 33,400 lbs., 9%
Copper loss 13,700 lbs. 27%

DURANGO PLANT:

Financial Gain \$35,037.13
Operating Gain 37,883.39
Quotation Loss 2,846.26
Gold gain is 89 ounces, 1-1/2%
Silver loss 11,013 ounces, 5-1/2%
Lead loss 132 tons, 16%
Copper loss 34,966 lbs. 11-1/2%

Secretary.

No. 2.November 18,1901.

The Secretary presented correspondence with reference to fire at the East Helena Plant, and was instructed to inquire regarding the failure to make out schedule as requested by the Insurance Department; not only at East Helena, but at the Mexican Plants.

Letter from the Western Executive Committee was presented accompanying letter from the General Agent at Leadville, with reference to the October earnings. The Secretary was instructed to call the matter of absorption account to the attention of the Auditor and request a statement from him as to the recommendations. Also, statement as to the margins at Leadville on ore and flux.

The following requisitions were presented and approved:

No. 160, Grant Plant. Regular repairs for October, \$2203.68, to be charged to Repairs.

No. 161, Philadelphia Plant. 12 large blast furnace fore-hearths with necessary track changes for using same, \$6,000, to be charged to Improvements.

No. 162, Eilers Plant, 5 sets Freudenberg plates for blast furnace flue; \$1,000, to be charged to Improvements.

No. 163, Eilers Plant; current repairs month of October, \$3,854.23, to be charged to repairs.

The Vice-President reported with reference to visit to Perth Amboy Refinery and recommended among other things, a uniform amount of bullion to be refined daily. The Secretary was instructed to consult with the Auditor and obtain from him statement as to comparative costs of working steadily or working up irregularly as fast as capacity would allow, bullion as it arrived from steamers.

In connection with proposed employment of Mr. Hoffman,

Secretary.

to advise with reference to new method of purifying electrolyte, the Secretary was instructed to ascertain whether Mr. Hoffman was at present in the employ of this company, and what charge he would make in connection with visiting the Perth Amboy Works in order to give his advice.

In connection with better methods of refining and of business management at the Perth Amboy Refinery, the Chairman recommended the employment of E. F. Eurichs, as an expert, to advise regarding the management of the Perth Amboy Refinery. The Secretary was instructed to communicate with Mr. Eurichs and ascertain by telegraph whether he is open to an engagement.

In this matter of correspondence on the part of Mr. Karl Eilers with reference to Zinc lands, diversion of zinc, etc. the Secretary was requested to call this to Mr. Eilers' attention as to the necessity of all correspondence passing officially between the committees.

With reference to the starting up of the increased capacity for copper refining at Perth Amboy, the Secretary was instructed to obtain data for the information of the Committee, as to the probable amount of capacity to be expected.

On motion the meeting adjourned.

Secretary.

Agreement read and approved at a meeting of
the directors April 7th, 1899.
JOHN J. TREACY, Secretary.

AGREEMENT made this seventh day of April, 1899, between HAMILTON H. DURAND, of New York, and AMERICAN SMELTING AND REFINING COMPANY, a corporation of the State of New Jersey, hereinafter called the "American Company".

The parties, each in consideration of the agreements of the other herein, have agreed and do agree as follows:

1. The said Durand agrees to forthwith pay or cause to be paid to the American Company the sum of seven million seven hundred thousand dollars (\$7,700,000), and to forthwith convey and transfer, or cause to be conveyed and transferred to the American Company all the real estate, plant, buildings, machinery, tools, motive power, equipment, patents, patent rights and other rights, including rights under leases and contracts and all other personal property and assets which were held, owned or possessed by the following corporations and partnership on the dates stated after their names respectively, as follows:-

The United Smelting and Refining Company, a corporation of the State of New Jersey, January 1, 1899.

Omaha and Grant Smelting Company, a corporation of the State of Colorado, January 1, 1899.

Pueblo Smelting and Refining Company, a corporation of the State of Colorado, January 1, 1899.

Colorado Smelting Company, a corporation of the State of Colorado, January 1, 1899.

The Hanauer Smelting Works, a partnership, doing business in the State of Utah, January 1, 1899.

Pennsylvania Lead Company, a corporation of the State of Pennsylvania, December 1, 1898.

Pennsylvania Smelting Company, a corporation of the State of Utah, December 1, 1898.

Globe Smelting & Refining Company, a corporation of the State of Colorado, February 1, 1899.

The Bi-Metallic Smelting Company, a corporation of the State of Colorado, February 1, 1899.

Chicago and Aurora Smelting and Refining Company, a corporation of the State of Illinois, March 1, 1899,

as the same have since said dates been changed by increase and decrease in the ordinary course of business.

Excepting, however, ores, bullion, precious and base metals in every form, products finished or in process, supplies, cash on hand or in bank, book accounts, bills receivable and account books, other books and papers; further excepting, of the property of the said Globe Smelting and Refining Company, securities, insurance policies, debts, earnings and rebates; and further excepting the real estate of the Pennsylvania Lead Company, situated on the S. E. side on the P. C. C. & St. L. Railway, and its office furniture in its Pittsburg office.

The property of the said Omaha and Grant Smelting and Refining Company to be transferred subject to the lien of a certain mortgage or deed of trust securing an issue of bonds to the aggregate amount of \$1,133,000; and the property of The Bi-Metallic Smelting Company to be taken subject to two contracts, one with the Arkansas Smelting and Refining Company for exchange of ores, and the other with the Philadelphia Smelting and Refining Company as to copper matte product, which the American Company is to assume and perform in the place of the said The Bi-Metallic Smelting Company.

And he also agrees to transfer, or cause to be transferred, to the American Company all the capital stock (5,000 shares) of the Germania Lead Works, a corporation of the State of California; and all the capital stock (180,000 shares) of the Consolidated Kansas City Smelting and Refining Company, a corporation of the State of New York; the property of the Company last named being subject to a mortgage or deed of trust securing bonds to the amount of \$1,000,000; and also the Ilex Smelting plant at Leamington, Utah; and also preferred stock of the San Juan Smelting and Refining Company of the par value in the aggregate of nine hundred and fifty-four thousand one hundred and twenty dollars (\$954,120) and common stock of said last named Company of the par value in the aggregate of nine hundred and thirty-three thousand five hundred and fifty dollars (\$933,550); also a certain agreement now held by him for the delivery of all the remaining shares of the preferred and common stock of said last named Company; also to pay to said Omaha and Grant Smelting Company \$175,000, towards the purchase for said American Company of assets of said Company hereinbefore excepted.

And he also agrees to transfer to the American Company, so far as it shall require, all rights and interests which he has or may acquire under existing contracts in or to any other property of any of the Companies named in paragraph 1 hereof, or of any companies engaged in similar business, including all rights to purchase any of the property of any of said companies excepted as above,

his corresponding obligations being thereupon assumed by the American Company, which also hereby assumes and agrees to perform all agreements and arrangements which said Durand has entered into in connection with the acquisition of the properties aforesaid, or any thereof, for or in reference to purchase of ores, metals and supplies, employment of officers, agents or workmen, for assumption of contracts, or any other matter connected with said properties or the operation thereof.

The conveyances and transfers pursuant to this agreement shall be in such form, and made effectual by such corporate and other proceedings and formalities, as shall be satisfactory to Messrs. Simpson, Thacher & Barnum, counsellors at law.

2. The American Company agrees forthwith to issue and deliver to said Durand two hundred and seventy-three thousand nine hundred and fifty (273,950) shares of the par value of twenty-seven million three hundred and ninety-five thousand dollars (\$27,395,000) of its full paid Preferred Stock (with preference as stated in its certificate of incorporation), and two hundred and seventy-four thousand (274,000) shares of the par value of twenty-seven million four hundred thousand dollars (\$27,400,000) of its full paid Common stock.

3. The American Company agrees to assume and perform the obligations now resting upon said Durand,

(1) To purchase any of the ores, bullion, supplies or other property excepted as aforesaid, of any of the Companies mentioned in paragraph

(2) To assure releases and other contracts of any of said Companies, or

(3) To permit any of said Companies to remain in possession of any of said properties for the purpose of removing ores, bullion, supplies or other property excepted as aforesaid,

which obligations were created by existing agreements for the sale to said Durand of the properties to be transferred by him as aforesaid.

4. In case said Durand cannot forthwith transfer, or cause to be transferred, all the stock of the said Consolidated Kansas City Smelting and Refining Company (hereinafter called Kansas City Company), transferring, or causing to be transferred, however, a majority thereof, the stock of the American Company shall be issued and delivered to him as aforesaid, upon performance by him in other respects of his obligations hereunder, and upon his delivering to the Manhattan Trust Company of the City of New York, such an amount of the stocks, preferred and common, of the American Company, as said Simpson, Thatcher & Barnum shall require, to secure the further performance of this agreement on his part with respect to the stock of said Kansas City Company; and provision may be made requiring said Trust Company to deliver the stocks so held as security in exchange for further stock of said Kansas City Company, at rates of exchange such that the whole remainder of said Kansas City Company stock could be obtained, by such exchanges, with the stocks so held as security, and the American Company shall have the right to require such exchanges to be so made; but all requirements

for such exchange shall be subject to termination on or after October 1st, 1899, as hereinafter provided. All shares of stock of the Kansas City Company received by the said Trust Company in such exchanges shall be immediately transferred and delivered to the American Company. So soon as all the stock of the Kansas City Company shall have been acquired by the American Company, the said Trust Company shall deliver to said Durand, or his assigns, all stock of the American Company delivered to it as aforesaid remaining in its hands.

Whenever, prior to October 1, 1899, the American Company shall have acquired sixty per cent of all the stock of the Kansas City Company, said Durand shall be released from his obligation to deliver further shares of said stock, upon transferring to the American Company all his right, title, interest and claim in and to its stock then held by said Trust Company, except his rights in respect to exchanges as aforesaid. Upon demand of the American Company on or after October 1, 1899, the said Trust Company shall be required to transfer and deliver to the American Company all stock of the latter Company delivered to it as aforesaid, remaining in its hands, to become absolutely the property of the American Company, and thereupon said Durand shall be released and discharged of and from all further obligation hereunder.

In case said Durand cannot forthwith transfer, or cause to be transferred, the property above mentioned of the Chicago and Aurora Smelting and Refining Company,

provision made by him assuring, to the satisfaction of said Simpson, Thacher & Parnum, that such transfer will be made within a reasonable time without further cost to the American Company, shall be deemed a performance of his agreements herein in respect to said property; and in lieu of the transfer of the Ibox Smelting plant, he may pay to Simpson, Thacher & Parnum seventy-five thousand dollars (\$75,000) to be used by them to purchase said Ibox Smelting plant, or paid to the American Company.

The provisions of this agreement shall bind, are for the benefit of and may be enforced by the executors, administrators and assigns of said Durand, and the successors and assigns of said American Company.

IN WITNESS WHEREOF, hereunto the said Durand has set his hand and seal and said American Company the signature of its President and its seal, attested by its Secretary, the day and year first above written.

HAMILTON H. DURAND (Seal)

AMERICAN SMELTING AND REFINING COMPANY
by Thomas Mills Day, Jr.,
President.

(S E A L)

Attest:

John J. Treacy,
Secretary.

I, ROSS A. MACKEY, Notary Public, hereby
CERTIFY that I have compared the foregoing with an
original agreement, dated April 7th, 1899, between
Hamilton H. Durand and American Smelting and Refining
Company, and I further certify that the foregoing is a
true and correct copy of said original agreement.

IN WITNESS WHEREOF, I have hereunto set my hand
and official seal this sixteenth day of December, A. D.
1910.

Ross A. Mackey

Notary Public,

Kings County,

Certificate filed in New York County

~~50~~ 5126

HAMILTON H. DURAND

-and-

AMERICAN SMELTING & REFINING
COMPANY.

A G R E E M E N T

Dated April 7, 1899.

ORIGINAL CONTRACT

New York, April 17, 1899. 190

At a meeting of the Directors of the American Smelting and Refining Co. held at No. 10 Wall St., in the City of New York, at three o'clock P. M., on the 17th day of April, 1899, there were

Present: Messrs. Nash; Sewell; Barton; Thatcher; Moffat; Lewisohn; Rogers; Sheedy; Gurnee; Eilers; Meyer; Witherell; Towne and Day.

The President stated that Mr. John G. Moore, on account of illness would be unable to serve as a Director, and therefore would not accept an election as such.

Mr. Grant B. Schley was thereupon elected a Director, and also a member of the Executive Committee, in place of Mr. Moore.

Mr. Treacy tendered his resignation from the office as Secretary of the Company, and said resignation was duly accepted

Mr. Barton Sewell was then duly elected Vice President Mr. Edward Brush, Secretary, and Mr. Thos. B. Adams, Assistant Treasurer of the Company.

The President presented the following report of the Executive Committee:

"New York, April 14, 1899.

Gentlemen:

Your Committee after giving the matter consideration deem it to be for the best interests of the Company, that the following steps be taken in the line of organizing and getting the business started as follows

First: That there be a committee composed of Mr. Meyer, Chairman, and Messrs. Grant and Sheedy, assisted by employees, Allen, Ballou and Weddle.

A. R.

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April 17, 1892. 190

The gentlemen to be named an "Ore Committee".

Second: That there be a committee composed of Mr. J. B. Grant, Chairman and Mr. Eilers, assisted by Mr. Dwight, with perhaps one or two others not yet determined upon, to be called an "Operating or Manufacturing Committee".

The duties of the first Committee will be to attend to the purchasing of ore, making ore contracts, and local railroad matters, with such other business as will naturally come before them.

The duties of the second Committee will be to attend to the metallurgical matters, construction and betterments of the plants and property, and the purchasing of coal, coke, limestone, etc.

Each Committee would be naturally associated with the other, and will be expected to confer and exchange views with each other. They should keep records of their proceedings, copies of which should be sent to the General Office for approval, in matters of importance, by the Executive Committee.

The Executive Committee will undertake to furnish these gentlemen with detailed instructions as soon as possible.

An office will be required in Denver as soon as possible and such clerical assistance as the business may demand."

"Your Committee also recommends the appointment of Managers as below:"

"A. Eilers, of the Colorado Smelting Co., Pueblo.

D. Sheedy, of the Globe S. & R. Co., Denver.

J. B. Grant, of the Omaha and Grant Smelting Co., Denver.

T. R. Jones, of the plants in Utah.

A. R. Meyer, to be retained in his present position, with the Consolidated K. C. S. & R. Co., in charge of affairs as well as Director and Chairman of the Committee referred to, for the purchase of ores." The above gentleman to receive \$10,000.00 per annum."

"We will require several others, as Messrs. Allen, Ballou and Weddle not being Directors. We take it to be within the province of the President and Committee to attend to such matters without reference to the Board."

"We also recommend the appointment of Mr. Franklin Guiterman, as Asst. to the President."

Edward R. Smith

Secretary.

#3.

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"We recommend, that the salaries for the present, be as follows:

President, \$35,000.

Vice President, \$25,000.

Asst. to President, \$12,000.

Secretary, \$6000.

Assistant Treasurer, \$6000.

With an additional sum of \$5000 to Messrs. Meyer, Eilers, Grant and Sheedy, and \$2000 to Mr. Allen for services on the Committee. We request your approval to the foregoing recommendations."

On motion, duly seconded, it was

RESOLVED, that the report of the Executive Committee hereinbefore quoted, be, and hereby is, adopted, and the recommendations therein made, and the appointment therein suggested, be, and they are hereby, made by the full Board.

On motion, duly seconded, the meeting adjourned.

NEW YORK, December 6, 1911.

The regular quarterly meeting of the Board of Directors
AMERICAN SMELTING & REFINING COMPANY was held at its office,
65 Broadway, New York City, December 6th, 1911, at 11 o'clock

Present:

Mr. Barton Sewell, Vice President, in the Chair.
" M. D. Thatcher
" Judd Stewart
" F. W. Hills
" J. K. MacGowan
" J. N. Steele
" Murry Guggenheim
" S. R. Guggenheim
" Isaac Guggenheim
" E. L. Newhouse
" W. C. Potter
" Edward Brush,

ituting a quorum.

The Secretary read the minutes of the adjourned meeting
September 6th, 1911, and on motion, duly seconded, the said min-
were approved.

The Secretary presented a statement of the Comptroller as
financial outcome of operations to and including October 31,
and on motion, duly seconded, the following resolutions were
d by the unanimous vote of the Directors present:-

WHEREAS The accounts of the Company, as presented by the
oller, show a surplus as of October 31, 1911, applicable to
yment of dividends, amounting to \$12,875,403.60;

RESOLVED That Preferred Stock dividend No.50 of 1 3/4%
the same is hereby declared on the Preferred Capital Stock of
pany for the period ended October 31, 1911, payable January
2, to stockholders of record at 3 o'clock P.M. Dec.15th, 1911.

W.C.M.

RESOLVED That the books of the Company for the transfer of Preferred Stock be closed at 3 o'clock P.M. December 15th, 1911, and be reopened December 26th, 1911.

RESOLVED That a dividend of 1%, being dividend No. 33, be and the same is hereby declared on the Common Capital Stock of the Company, payable January 15th, 1912, to stockholders of record at 3 o'clock P.M. December 27th, 1911.

RESOLVED That the books of the Company for the transfer of Common Stock be closed at 3 o'clock P.M. December 27th, 1911, and be reopened January 4th, 1912.

On motion, duly seconded, the following resolution was adopted:-

RESOLVED That the execution by Mr. Henry R. Wagner, General Manager, on behalf of this Company, under date of November 8, 1911, in the City of Mexico in the Federal District of the Republic of Mexico, of a contract with the Negociacion Minera de Santa Maria de la Paz y Anexas en Matehuala, S.A., abrogating the previous contract with the said Company dated March 21, 1905, and entering into a new contract with the said Negociacion Minera de Santa Maria de la Paz y Anexas en Matehuala, S.A., covering the purchase and sale of low grade ores produced by the said Negociacion Minera de Santa Maria de la Paz y Anexas en Matehuala, S.A., to the amount of 100,000 tons, upon the terms and conditions therein specified, be and the same is hereby approved, ratified and confirmed.

On motion duly seconded, the following resolution was adopted:-

RESOLVED That a contract executed by Mr. H. R. Wagner, General Manager, on behalf of this Company, in the City of Mexico,

H. R. Wagner

3 of D Mtg. ----- 3 ----- Dec.6,1911

in the Federal District in the Republic of Mexico, on November 8th, 1911, with the Negociacion Minera de Santa Maria de la Paz y Anexas en Matehuala, S.A., covering the purchase and sale of high grade ores produced by the said Negociacion Minera de Santa Maria de la Paz y Anexas en Matehuala, S.A., to the amount of 75,000 tons, upon the terms and conditions therein specified, be and the same is hereby approved, ratified and confirmed.

On motion, duly seconded, the following resolution was adopted:-

RESOLVED That a contract executed by General Manager E. R. Wagner on behalf of this Company in the City of Mexico in the Federal District of the Republic of Mexico on the 8th day of November, 1911, with the Negociacion Minera de Santa Maria de la Paz y Anexas en Matehuala, S.A., agreeing to loan to the said Negociacion Minera de Santa Maria de la Paz y Anexas en Matehuala, S.A., the sum of 100,000 pesos, Mexican currency, upon the terms and conditions set forth therein, be and the same is hereby approved, ratified and confirmed.

On motion, duly seconded, the following minute was adopted by the unanimous vote of the Directors present:-

"In the death of James B. Grant, ex-Governor of the State of Colorado, and a Director and member of the Executive Committee of this Company, the members of this Board have lost a friend and counsellor of rare merit, whose personality compelled the love and respect of his associates, and whose loss is a sad bereavement to each and every member.

B of D Mtg. ----- 4 ----- Dec. 5, 1911.

his technical education at Freiberg, along with untiring energy, absolute integrity, broad and liberal business judgment, and a generous consideration for the interests of both associates and competitors. Upon the organization of the Omaha & Grant Smelting Company he became its Vice President, and when its property was conveyed to the American Smelting & Refining Company he became a member of its first Board of Directors. He gave to the interest of this Company in Colorado the energy and ability that were characteristic of him, and by reason of his commanding integrity, procured and maintained for it the good will of the citizens of that State.

"While recording our sorrow at the loss of a valued member, we do not forget the sad bereavement of the family, to whom the death of Governor Grant is irreparable.

"This minute will be presented, when properly recorded by the Secretary, to the widow and sons of Governor Grant with the deep and heartfelt sympathy of the Board.

Daniel Guggenheim,
President.

Barton Sewell,
Vice President.

W. E. Merriss,
Secretary."

There being no further business to come before the meeting, it was, on motion, duly seconded, adjourned.

New York, January 8,

The regular daily meeting of the Executive Committee of American Smelting & Refining Co. was held at their office Broadway, New York City, January 8th, 1902, at 11 o'clock A.

There were present: Messrs. Daniel Guggenheim, C. E. W. Nash; Barton Sewell; A. R. Meyer; A. Eilers; Isaac, S. Simon and Morris Guggenheim.

The Secretary reported regular daily metal sales quotations, with Mexican Exchange.

The Secretary presented memorandum of agreement entered into under date of December 24th, 1901, between the American Smelting & Refining Co. and the Mexican International R. R. term of three years until December 31st, 1904. The agreement endorsed and recommended by Mr. Solomon Guggenheim and order file.

The following Requisitions for appropriations were presented and approved by the Committee:

No. 197, East Helena No. 13, New Trestle for sample works; estimated cost \$525.00, to be charged to Improvements

No. 198, Globe Plant No. 13, Current repairs month November, \$5811.72, charged to Repairs.

No. 199, Grant Plant No. 6, Current repairs month November, charge to Repairs, estimated cost \$1430.03.

No. 200, Pueblo Plant No. 10, \$7125.94, current repairs month of November, charge to Repairs.

No. 201, Eilers Plant No. 9, current repairs Month November, \$3791.33, charge to Repairs.

No. 202, Philadelphia Plant No. 19, current repairs of November, \$12,253.11, charge Repairs.

No. 2.

January 8,

No. 203, Durango Plant No. 9, current repairs month of November, \$1585.39, charge to repairs.

No. 204, Arkansas Valley Plant No. 13, current repairs month of November, \$5964.86, charge to Repairs.

No. 205, Germania Plant No. 9, current repairs month of November, \$3598.95, charge to Repairs.

The Secretary was instructed to obtain repair requirements from refineries and the Mexican smelters. Also, to arrange with Auditor to obtain monthly reports of value of supplies at each of the plants, the items of construction to be eliminated.

On motion the meeting adjourned.

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New York, January 27,

The regular daily meeting of Executive Committee held January 27th, 1902, at 11 o'clock A. M.

Present: Messrs. E. W. Nash; Barton Sewell; I Simon and Morris Guggenheim, and A. R. Meyer.

The Secretary presented regular daily report of sales and quotations, with Mexican Exchange.

Letter from Mr. MacGowan was read with reference changing the contract made with the Standard Oil Co. for of fuel oil, to be delivered at Perth Amboy. The matter referred to Mr. Walker with the understanding that if the satisfactory to him, that it should be authorized.

Letter from Mr. Braden was read with reference method of settling with Coeur d' Alene miners. It was decided to ask Mr. Braden to make the most satisfactory arrangements at the same time not granting any new accommodations.

Report from Mr. Guiterman submitted by the Western Executive Committee, recommending the construction of an sampling arrangement at one of the direct ore sampling mills at the Philadelphia Plant, was presented. The Committee decided it was advisable to authorize the construction, and request requisition.

The Western Executive Committee submitted report from Karl Eilers with reference to the completion of the Murra and it was decided to send a copy of same to Mr. Daniel Gu and to submit the matter to Mr. MacGowan for comment and at the same time writing the Western Executive Committee mentioning Mr. Eilers upon the vigorous step taken looking to completion of the works.

Letter from Mr. Simpson was submitted with reference to the purchase of fuel oil from the Waters-Pierce Oil Co. for the Paso Plant. It was decided to authorize Mr. Simpson to get oil at the best possible figure month by month.

The following Requisitions for appropriations were presented and approved.

New York No. 217, Philadelphia Plant No. 20, \$10. for regular current repairs month of December.

New York No. 218, Germania Plant No. 10, current for December, \$2952.65.

New York No. 219, Arkansas Valley No. 14, current month of December, \$6979.70.

New York No. 220, Durango No. 10, current repairs of December, \$1648.84.

New York No. 221, Eilers Plant No. 10, current repairs month of December, \$4385.02.

New York No. 222, Pueblo Plant No. 13, current repairs month of December, \$4987.49.

New York No. 223, Grant Plant No. 7, current repairs of December, \$731.09.

New York No. 224, Globe Plant No. 14, current repairs month of December, \$6254.89.

New York No. 225, Pueblo Plant No. 14, installation of electrical hoist and crane at the dressing kettles to replace hoist; estimated cost \$798.92, to be charged to Improvement.

New York No. 226, Perth Amboy Plant No. 42, two passenger elevators at trestle and track; estimated cost, \$5000, charged to Improvement.

No. 3.

January 27, 1900

New York No. 227, Monterey Plant No. 30, 780 feet track purchased from the Mexican International R. R., cost to be charged to Improvements.

On motion the meeting adjourned.

New York, February 10,

The regular daily meeting of Executive Committee held February 11th, 1902, at 11 o'clock A. M.

Present: E. W. Nash, President and Chairman; F. Sewell; Gov. Grant; Isaac and Morris Guggenheim.

The regular daily report of metal sales and quotations with Mexican exchange, was presented by the Secretary.

Report from Mr. Rodman with reference to selling stock held by the company in the Leadville Publishing Company submitted, and it was decided to authorize the sale at \$10 or better.

With reference to purchasing lead concentrates from the Modoc Mining Co., the Secretary was instructed to reject Mr. Morse that it was not advisable to buy this lead ore.

Application from Mr. Morse for authority to loan to Copper Belle Co., \$10,000, taking their mining property as security, was referred to Mr. Solomon Guggenheim.

In response to inquiry from Mr. Page it was decided that it was not necessary to continue the services of Mr. Page at Argentine, and as to Mr. Lippincott an endeavor should be made to find him a position elsewhere. If this was not possible, however, it would be necessary to dispense with his services.

Referring to the request from the Western Executive Committee as to name for the new plant in Utah, it was decided that this plant should be called the "Murray Plant", the stationery having already been printed to this effect.

Mr. Nash submitted form of contract to be entered into with H. D. Atwood and H. C. Atwood at Taunton, and the same was authorized.

No. 2.

February 10th

The following requisitions were approved:

No. 235, Pueblo No. 2, construction of one new furnace on the site formerly occupied by the old blast furnace No. 1; estimated cost, \$5,000, to be charged to Improvements.

No. 236, Aguas No. 26-B, additional appropriation for completion of fire line, amounting to \$457 to be charged to Improvements.

On motion the meeting adjourned.

New York, March 6

The regular daily meeting of the Executive Committee held March 6th, 1902, at 11 oclock A. M.

Present: Messrs. Daniel Guggenheim, Chairman; Barton Sewell; A. R. Meyer; A. Eilers; Solomon, Simon and Guggenheim.

The Assistant Secretary presented the regular report of metal sales and quotations, with Mexican Exchange

Communication was read from Mr. Whitley stating that steps had been taken to fill the vacancy caused by the death of Mr. Cole. The Assistant Secretary was instructed to write Mr. Whitley that no outside man should be employed as there are no employees of the company available.

The Assistant Secretary was instructed to have the Auditor so arrange the accounting that no second hand material should hereafter be carried in the Supply Accounts with no value attached, and that all obsolete castings, etc. be stricken from such inventories as far as any values are concerned.

A communication from Insurance Manager Stettin read enclosing recommendations for changes and improvements in fire systems for production against fire at various plants of the company. The matter was referred to Mr. Sewell.

Requisitions for repair expenditures during the month of January were presented and approved as follows:

No. 239, Germania Plant No. 11, charge to Repair			
No. 240, Durango Plant No. 11,	"	"	"
No. 241, Eilers Plant No. 12,	"	"	"
No. 242, Pueblo Plant No. 15,	"	"	"

No. 2.

March 6th,

- No. 243, Globe No. 16, Charge to Repairs,
No. 244, Grant No. 8, " " "
No. 245,, El Paso No. 2, " " "
No. 246, Silver City No. 2, " " "
No. 247, E. Helena No. 15, " " "
No. 248, Philadelphia No. 22 " " "
No. 249, Arkansas Valley No. 15, " "

On motion the meeting adjourned.

New York, April 2, 1902

The regular daily meeting of the Executive was held April 2nd, 1902, at 11 oclock A. M.

Present: Messrs. Daniel Guggenheim, Chairman; E. W. Nash; Barton Sewell; A. Eilers; Isaac, Solomon Guggenheim.

The Secretary presented the regular daily report of metal sales and quotations, with Mexican Exchange.

The Secretary was instructed not to notify the Metals Selling Co. to sell our stock of copper, but to give information and advice.

The Auditor was instructed to charge the tax on the old American Plant to the Arkansas Valley Plant.

The Secretary presented arrangements made with Nichols Chemical Co. for the sale of domestic blue vitr which was approved. The Secretary also presented the report of the Assistant Treasurer.

Monthly requisitions for February current report were presented and approved from the following plants:

No. 264, Perth Amboy,	\$ 1,11
No. 265, Monterey Plant No.	22,22
No. 266, Silver City No. 3,	71
No. 267, El Paso No. 3,	1,17
No. 268, East Helena No. 16,	4,42
No. 269, Germania No. 12	4,24
No. 270, Arkansas Valley No. 16,	7,68
No. 271, Durango No. 12,	2,58
No. 272, Philadelphia No. 24,	8,55
No. 273, Eilers No. 13,	4,42
No. 274, Pueblo No. 16,	4,55
No. 275, Grant No. 9,	2,18
No. 276, Globe No. 17,	6,68

All to be charged to "Repairs".
On motion the meeting adjourned.

New York, May 5th, 1902

The regular daily meeting of the Executive Committee was held May 5th, 1902, at 11 oclock A. M.

Present: Messrs. Daniel Guggenheim, Chairman; E. J. Nash; Barton Sewell; A. Eilers; Isaac, Solomon, Simon and Morris Guggenheim.

The Secretary presented the regular daily report of metal sales and quotations, with Mexican Exchange.

It was decided to confine the sales of silver and amounts of silver to London to 600,000 ounces for the week. It was also decided to sell exchange in the City of Mexico for full daily requirements, placing the money to be received from silver shipments to the credit of loan accounts.

It was also decided to ask Mr. Garza to come to New York to discuss matters in dispute.

Recommendation from Mr. Page with reference to the of property at Argentine was presented, and he was authorized to sell according to his best judgment.

Letter from Mr. Morse was presented with reference loss of money by the Cashier at Aguas Calientes, it being held that the money had been stolen. Mr. Morse was instructed to good the money to the Cashier, but to take better care of the on hand.

Letter from Mr. Stettenheim with reference to increase compensation was presented, and it was decided not to make any change in the present arrangement with him.

In response to inquiries from the Western Executive

No. 2.

May 5th,

Committee it was decided best to deed to the Zinc Company acres of land north of the main road, but not to deed the south of the main road.

It was also decided to notify the Western Executive Committee that the company would not care to build workmen's houses, except in connection with sales made to workmen.

The following requisition was presented and approved:

No. 297, Omaha Plant No. 14, building two furnaces; estimated cost, \$5,000, to be charged to Improvements.

Also the following regular monthly requisitions
Repairs made during the month of March were approved:

#298 Globe Plant,	- - - - -	\$ 7,272.
299 Grant "	- - - - -	2,545.
300 Pueblo "	- - - - -	3,878.
301 Eilers "	- - - - -	6,127.
302 Phila. "	- - - - -	9,828.
303 Durango "	- - - - -	1,954.
304 Ark.Val. "	- - - - -	7,527.
305 Germania "	- - - - -	3,957.
306 E.Helena "	- - - - -	7,166.
307 Perth Am. "	- - - - -	6,205.
308 Monterey "	- - - - -	17,880.

All to be charged to Repairs.

On motion the meeting adjourned.

New York, May 9th,

The regular daily meeting of the Executive Committee was held May 9th, 1902, at 11 o'clock.

Present: Messrs. E. W. Nash, President and Chairman; Barton Sewell; A. Eilers; Isaac, Solomon and Morris Guggenheim.

The Secretary presented the regular daily report of metal sales and quotations with Mexican Exchange.

It was decided to suggest to Mr. Whitley the purchase of Elkhorn Ore to his plant or making advances to the mine in order to encourage the production.

The Secretary was instructed to arrange some method of advancing payments on the part of Seligman & Son where directions are given by wire.

In connection with increased shipment of lead to the Colorado Plants on account of closing the East Helena Plant, it was decided to authorize, if necessary, running heavier lead charge to take care of the shipments.

The following appropriations were authorized:

No. 309, Grant Plant No. 8, fire protection, at estimated cost of \$600.00. Charge to Improvements.

No. 310, Globe Plant No. 19, additional fire protection, estimated cost \$894.00. Charge to Improvements.

No. 311, Pueblo Plant No. 18, new roof for supply house; estimated cost \$50.00. Charge to Improvements.

No. 312, Eilers Plant No. 15, fire protection; estimated cost \$1861.00. Charge to Improvements.

No. 313, Aguas Plant No. 26-C, fire protection, estimated cost \$1706.00 U. S. Cy. Charge to Improvements.

No. 2.

May 9th,

No. 314, Philadelphia Plant No. 25, fire protection
estimated cost \$800.00. Charge to Improvements.

No. 315, Durango Plant No. 15, fire protection;
estimated cost \$300.00. Charge to Improvements.

On motion the meeting adjourned.

New York, June 4,

The regular daily meeting of the Executive Committee was held June 4th, 1902, at 11 o'clock A. M.

Present: Messrs. E. W. Nash, President and Chairman; Barton Sewell; A. Eilers; Simon and Solomon Guggenheim.

The Secretary presented the regular daily report of sales and quotations, with Mexican Exchange.

Mr. Eilers having brought up the matter of the tyroasters to be used in the zinc works, and reporting on the inadvisability of arranging for sulphuric acid production, requested to draft a letter to the Western Executive Committee embodying these views and asking for an expression of their opinion in the matter.

Communication dated 3rd inst. from Cons. Engineer was read on the advantages and disadvantages in treating matte by the direct method as compared with the indirect method. Referred to Mr. Eilers for consideration and report.

Repair requisitions for the month of April for the following plants were presented, and approved:

Globe Plant	- - - - -	\$ 6943.17
Grant Plant	- - - - -	2737.90
Pueblo Plant	- - - - -	4187.66
Eilers Plant	- - - - -	-3593.47
Phila. Plant	- - - - -	10833.41
Durango Plant	- - - - -	1628.46
Arkansas Valley Plant	- - - - -	5004.45
Germania Plant	- - - - -	3021.31
East Helena Plant	- - - - -	4620.72

Communication dated 27th ult. was received from Whitley asking whether or not the Committee desired to authorize the sale of some of the local dwellings formerly used by

at the Great Falls Plant. Decided unwise to negotiate for
situation of these dwellings.

Communication dated 3rd inst. was read from Gen.
Morse recommending granting permission to Mexican Central
to make connection with the Nail Works through our Monterey
subject to discontinuance at any time at our option and re
that in consideration therefor the railroad be required to
switching service for our Monterey Plant free of charge.
to Traffic Mgr. Eccles to arrange with the railroad along
lines.

Mr. Morse having reported favorably on the request
Michoacan Mining Co. for a loan of \$25,000 Mex. Cy., the
was authorized, subject to payment of interest thereon.

Req. #326 Murray Plant Requisition # 2, was approved, car
appropriation of \$7980.50 for additional railroad trestle
Chargable to Improvements.

Req. No. 327, Globe Plant No. 20, for appropriate
\$1200 for eleven 25 cubic feet slag pots and cars, was ap
chargable to Improvements.

Req. No. 328, Arkansas Valley Requisition No. 2
appropriation of \$2705.76 was approved; chargable to Impr

Repair requisitions for April were also approved
follows:

El Paso Plant - - -	\$ 3417.91
Perth Amboy Plant	4260.93
Monterey Plant	17778.38 = 8,000.00

Adjourned.

No. 2.

New York, July 2,

The regular daily meeting of the Executive Committee was held July 2nd, 1902, at 11 o'clock A. M.

Present: Daniel Guggenheim; Barton Sewell; A. B. Simon Guggenheim and Solomon Guggenheim.

The Secretary presented the regular daily report of metal sales and quotations, with Mexican Exchange.

It was decided to give Hongkong Bank discretion of amount of sales to be made daily.

The Secretary presented the regular weekly report of the Asst. Treasurer, and monthly letter from the manager of Perth Amboy Plant, giving his profits for the month of May.

With reference to insurance at closed plants, referred to in the meeting of July 1st, it was decided to leave them to the discretion of the manager of the Insurance Department to whether any insurance should be carried in insurance companies on closed plants.

Communication from Mr. Robinson, Chief Engineer, was read with reference to the offer of the Electrical Transmission Co. of Guadalajara, Mexico, in accordance with which it was decided that the same could not be accepted.

Also, report was read from Mr. Robinson with reference to report of Mr. Martin on the power plant for the Zinc Works.

It was decided to call to the attention of the Western Executive Committee the boilers and engines at the Argentine Plant, but to request the Western Executive Committee not to use machinery from other plants for the Zinc Works.

No. 2.

July 2,

upon the approval of Mr. Sulsberg.

The following requisitions were approved, being
Repairs for the month of May, 1902. Chargeable to "Repairs."

Globe Plant	-	-	\$ 4,927.19
Grant "	-	-	2,410.94
Pueblo "	-	-	5,985.40
Eilers "	-	-	4,177.83
Phila. "	-	-	12,302.58
Durango "	-	-	1,266.22
Ark. Valley	-	-	6,340.80
Germania "	-	-	3,287.71
East Helena	-	-	1,327.50
P. Amboy Smelting	-	-	5,841.00
" Refining	-	-	3,129.70
" Copper	-	-	4,148.90

On motion the meeting adjourned.

New York, July 18,

The regular daily meeting of the Executive Committee held July 18th, 1902, at 11 oclock A. M.

Present: Messrs. Daniel Guggenheim, Chairman; Simon and Sol. Guggenheim.

The Secretary presented the regular daily report of sales and quotations with Mexican Exchange.

It was decided that in accordance with the provision of Circular Letter No. 17, a bonus of \$2500 for the fiscal year ending April 30th, 1902, should be divided equally between the following named parties.

Mr. Mossman of the Eilers Plant.
Mr. Page of the Omaha Plant.
Mr. McLean of the Durango Plant.
Mr. Rhodes of the Chicago Plant.
Mr. Livingston of the Grant Plant.

and that Circular No. 17 should be withdrawn effective April 1902.

The Auditor was requested to submit calculation showing profit on Huanchaca ore at Colorado Plants as compared with the Amboy plant.

A communication dated 16th inst. was read from Chief Engineer Robinson reporting a compromise arrangement with the Allis Chalmers Co. in connection with the faulty engines delivered at the Murray Plant. Arrangement approved.

Communication dated 15th inst. was read from Auditor Stewart requesting authority to adjust the balance sheet of the Phoenix Crucible Co. by closing off the account with the American Smelting and Refining Co., \$18,453.55. Authorized, and the

No. 2.

July 18,

Auditor was instructed to arrange with the Comptroller for the proper booking.

Communication dated 17th inst. from Auditor Stewart with reference to the establishment of a central foundry for Colorado Plants was referred to Chairman Sheedy of the Commerce Department of the Western Executive Committee for personal investigation and report.

On motion the meeting adjourned.

New York, July 24th,

The regular daily meeting of the Executive Committee held July 24th, 1902, at 11 o'clock A. M.

There were present: Messrs. Daniel Guggenheim, Chairman; E. W. Nash; Solomon Guggenheim.

The Secretary presented regular daily report of metal sales and quotations with Mexican Exchange.

Requisition No. 353, Aguas No. 53, for appropriation \$3915.00 for air compressor and duplicate set of tools was approved with the understanding that if possible the cost be cut down by using material from some plant not in operation. Chargeable to Improvements.

Requisition No. 354, Monterey No. 38, for appropriation of \$3500 for machine shop tools, was approved, chargeable to Improvements.

Requisition No. 355, National No. 22, for installation air compressor, air tank and zinc skin presses now at Argent Plant, was approved, requisition to be returned to National Plant their furnishing estimate of cost of handling, freight, erection etc. Chargeable to Improvements.

Communication dated 23rd inst. was read from Comptroller Hills recommending writing off ^{to} the Profit and Loss Account, \$114 demurrage carried as an asset on the Omaha Plant books. Approved.

A communication dated 17th inst. was read from Mr. Morse expressing satisfaction as to the present metallurgical organization at El Paso and reporting that the retaining of Mr. Manheim at Monterey was an unsatisfactory arrangement. The Assistant Secretary was directed to inform Mr. Morse that he was at liberty to return.

July 24, 1902.

Mr. Manheim and substitute Mr. Harms or any other party who in judgment would be more satisfactory.

Communication dated 16th inst. was read from Mr. Morse recommending giving a power of attorney to Mr. Knight at Montana similar to that held by Mr. Westlund at Aguas. Approved.

The salary of Purchasing Agent MacGowan was fixed at \$6,000 and that of Mr. A. W. Duckett at \$3,000, both effective August 1st, 1902.

The Secretary was instructed to write a letter of instruction to Manager Page regarding metal losses at Omaha after securing necessary data from the Auditor.

A letter was ordered written to Mr. Morse calling attention to the large sums spent for improvements in the Southern Department, and giving a comparison in this respect as well as matter of tonnage, costs and metallurgical results with the Granger Plant where improvement expenditures have been light.

On motion the meeting adjourned.

New York, Feb. 10th,

The regular daily meeting of the Executive Committee was held February 10th, 1903, at 11 o'clock A. M.

There were present: Messrs. Daniel Guggenheim, Chairman; E. W. Nash; Barton Sewell; A. R. Meyer; A. Eilers; Isaac Simon and Morris Guggenheim.

The Secretary presented the regular daily report of metal sales and quotations, with Mexican Exchange.

Telegraphic instructions were ordered given Messrs. Seligman and Selover to cease drawing exchange until they had utilized their excess cash balances.

Messrs. Sewell, Eilers and Morris Guggenheim were appointed a sub-committee to report on the advisability of enlarging the company's blue vitriol operations.

Communication dated 2nd inst. was read from Mr. Morse requesting that the Exec. Committee make selection and engagement of a suitable man as Chief Engineer for the plants of the Southern Department. Referred to Messrs. Meyer and Sewell.

Communication dated 7th inst. was read from Compt. calling attention to the fact that the Globe and Grant Plants now vouchering for freight allowance in favor of the Omaha Plant of only \$1.50 per ton in place of tariff rate of \$3.00 per ton. Decided that \$1.50 per ton should be confirmed.

Communication dated 6th inst. was read from Manager Braden reporting claim rendered by the Empire State-Idaho Min

New York, June 15, 1903. 1903

The regular daily meeting of the Executive Committee was held June 15th, 1903, at 11 o'clock A. M.

Present: Messrs. Daniel Guggenheim, Chairman; E.T. A. Eilers, Morris and Simon, Guggenheim.

The Asst. Secretary presented the regular daily report of metal sales and quotations, with Mexican Exchange.

It was decided to reduce lead percentage on charges 10% at each of the Colorado Plants, 12% at Murray and 13% at Helena, and instructions ordered issued accordingly.

It was decided that the entire cost of investment in Tate & Jones quarry and Tramway Account should be absorbed in Murray Plant Operating Expenses and instructions ordered issued that limestone supplied from that quarry to the plant be debited cost, plus \$1,000 per month, said \$1,000 to be credited against "Construction" cost and previous quarry operating losses until entire amount of \$34,068.64 be extinguished.

A communication dated May 25th was read from General Manager Guiterman recommending that the Globe and Grant Plants both made bonded Government Warehouses. *Authorized*

On motion the meeting adjourned.

M. E. Merrill
Asst. Secy.

& Dev. Company, based on our having charged freight and treatment on the dry weight valuation in place of wet weight valuation/ Referred to Mr. Simon Guggenheim.

Communication dated 5th inst. was read from Gen. Man Guiterman suggesting that machinery removed from one plant to another be accounted for by debits and credits between the plant accounts. Referred to Messrs. Hills and Brush.

Messrs. Morris Guggenheim, Sol. Guggenheim and A. Eilers were appointed a sub-committee to consider the advisability of shipping from Perth Amboy to Colorado certain tonnages of Huanchaca Ore, or of diverting more vessels to Galveston with view to reducing the current stock of this ore at Perth Amboy.

Adjourned.

New York, August 31, 1903

The regular daily meeting of the Executive Committee was held August 31st, 1903, at 11 o'clock A. M.

Present: Messrs. Barton Sewell; A. Eilers; Simon Guggenheim and S. R. Guggenheim.

The Secretary presented the regular daily report of metal sales and quotations, with Mexican Exchange.

Request of parties interested in the Benton property. In that we grant an extension of our mortgage on the property for three years to the parties to whom Mr. Benton is now endeavoring to sell, was considered and referred to E. L. Newhouse for consideration and report.

Proposed schedule for the settlement of Velardena ore presented by Gen. Mgr. Morse was referred to Prest. Nash for consideration.

Instructions were ordered issued that for the present no steps be taken towards repairing and operating the old smelter plant at Velardena.

Decision arrived at in meeting of 28th inst. regarding Mr. Manheim's salary, was reconsidered and it was decided that same should be \$300 per month, chargeable to the Perth Amboy Plant from the date of departure from Monterey. Mr. Manheim's traveling expenses, Monterey to New York and Perth Amboy, amounting to \$91.56, were approved for payment.

H. R. Simpson's letter of 17th inst. with papers attached were referred to Messrs. Brush and Newhouse for recommendation in the matter of endeavoring to secure Sta. Rita contract for a term of years and also arriving at some agreement with Phelps, Dodge & Co. on this and other ores.

[Handwritten signature]
Asst. Secy

Req. No. 462, Aguascalientes Plant, for appropriation of \$9625.00 for pumping engine and elevator pump, was approved, chargeable to Improvements.

Communication dated 28th inst. was read from Pur. Agent MacGowan asking if he had authority to make purchases of machinery for Mining Dept. without specific authorization from the Executive Committee. Instructions ordered issued that specific authorization should be required in each instance.

Communication dated 21st inst. from Manager Kaufman asking the Committee's approval of an expenditure of \$22,000 for stationary pump, pumping engine, reserve locomotive and 15 ore cars, was referred to Mr. A. Eilers for report.

Authority was ordered issued to Asst. Treasurer Smith to deposit with the Metropolitan Trust Co., 5,000 bonds of the Frisco Cons. Mining Co. for use in connection with foreclosure proceedings.

Communication dated 29th inst. from Stanley McCormick was read making application for particulars with reference to profit sharing or bonus arrangements. Copy of Executive Committee Circular No. 44 ordered furnished to Mr. McCormick.

Communication dated 29th inst. was read from Manager Holmes making application for additional lead bullion for treatment at National Plant. Instructions ordered issued ^{that} 1,000 tons per month of Eilers Plant bullion should be forwarded to Chicago.

Communication dated 21st inst. was read from Manager Kaufman submitting a schedule to govern on ore to be produced from Mina Vieja. Referred to W. S. Morse for report.

W. S. Morse
Asst. Secy.

No. 3.

August 31st, 1903.

Communication dated 21st inst. was read from Manager Kaufman recommending the securing of an Iguala from the State of Chihuahua, covering extraction tax for fiscal year beginning 1st, 1903. Referred to Mr. S. R. Guggenheim.

A communication dated 27th inst. was read from Mr. Guiteman recommending that the Eilers Plant be debited with value of 5 mules transferred from the Grant Plant and a Connerville blower from the Eilers Plant. Decided to make no exception in these instances to the rule that plant equipment property when transferred should not be debited or credited in the accounts.

Communication dated 27th inst. was read from Mr. George raising certain objections to granting the request of Mr. Herbert George for an increase of 5¢ per ton in price of limestone at Pueblo Plants. Referred to Messrs. Simon Guggenheim and E. L. Neehouse for consideration and report.

Proposal contained in H. R. Wagner's letter of 18th inst. that future shipments of silver to Paris be consigned direct to Messrs. Allard instead of to the order of Messrs. Kleinwort, as reported on by Mr. Brush and it was decided not to make the change suggested.

On motion the meeting adjourned.

W. E. Guggenheim
and

New York, Nov. 9th, 1903

The regular daily meeting of the Executive Committee was held on November 9th, 1903, at 11:30 o'clock A.M.

Present: Mr. E.W. Nash, President & Chairman; Barton Sewell, A. Eilers, Murry Guggenheim and Edward Brush.

Mr. MacGowan appeared before the Committee with reference to the coke supply at Monterey and El Paso and the coke and coal supply in Colorado and Utah.

Mr. MacGowan was authorized to purchase coke in the west and to communicate with Mr. Guiterman as to whether it was advisable for the company to arrange to ship coal and coke from east to Colorado.

Letter was read from Mr. Guiterman requesting permission to place Wm. G. Vaile, head assayer at the Grant plant, on half pay until a position should develop elsewhere. This was authorized up to Jan. 1st.

Letter was read from Mr. Morse with reference to making loan to Henry Braden, taking security interest in mining properties mentioned. Secretary was instructed to wire Mr. Morse that the company did not favor making such loan.

Letter was read from Mr. Morse calling attention of the company to mining property of the Prieto Estate and Mr. Kaufman was instructed to make examination of the same.

Telegram was read from Mr. Daniel Guggenheim suggesting that strongest possible recommendations be made to the Mexican Government in favor of the appointment of Mr. L.M. Johnson as Vice-President, representing the Mexican Government in the service of the railroads of Mexico. Secretary was so instructed.

E. W. Nash

Secretary

November 9th/1903.

Letter was read from Mr. L. M. Johnson with reference to an iron deposit in the State of Pueblo. It was decided that the company could not take interest in same.

On motion the meeting adjourned.

Edward R. [Signature]

New York, Nov. 10, 1903.

The regular daily meeting of the Executive Committee was held Nov. 10th, 1903, at 11 o'clock A. M.

Present: Messrs. E. W. Nash, President and Chairman; Barton Sewell; Morris Guggenheim; A. Eilers; Edward Brush.

Requisition from the Perth Amboy Plant was presented covering the construction of ore storage platforms, bulkheads, etc., and it was decided to request the opinion of Mr. Walker to whether the plans would be changed at all in case the land adjoining should be purchased by the United Lead Co. Also, to ask him for explanation for increase from the estimated amount \$3,000.

Mr. Eilers reported with reference to the proper method of testing scales, and it was decided to make the same a circular letter.

Letter was read from Mr. Page with reference to the satisfactory samples taken at the Globe Plant, and it was decided to ask Mr. Guiterman whether it would be advisable to transfer the liquating kettles from the Grant Plant to the Globe Plant.

The Secretary was instructed to send a copy of Mr. Mindeliff's report to all interested plants and to hold the report and bring it to the attention of the Committee after replies received.

Letter from Mr. MacGowan was read with reference to handling Pachuca ore in bulk to Perth Amboy, and it was decided to ascertain what the cost of installing additional facilities for loading at Tampico would be before deciding as to what action be taken.

E. W. Nash

The Secretary was instructed to inquire into the advisability of procuring retorts for Perth Amboy from the Gautier Co. and whether the contract with the Taunton people would permit of the same.

In response to an inquiry from Mr. Whitley as to whether he would be permitted to make contracts requiring settlement for lead ores to date from the date of assay. It was decided to permit this change whenever possible.

Telegram was read from Mr. Guiterman with reference to the coal and coke situation in Colorado on account of the miners strike. The Secretary was instructed to consult with Mr. MacGowan and frame telegram to Mr. Eccles requesting all necessary aid from railroads in this emergency.

On motion the meeting adjourned.

Edward R. Smith

New York, December 29th, 1903

The regular daily meeting of the Executive Committee was held December 29th, 1903, at 11:30 o'clock A.M.

Present: Messrs. Daniel Guggenheim, B. Sewell, E.L. Newhouse, E. Brush, Simon, Murry and S.R. Guggenheim.

A communication dated 26th inst. was read from General Manager Guiterman, asking for authority to order a trial set of steel jackets from the Omaha Boiler Works for test at one of the Pueblo plants. Referred to Mr. A. Eilers for report.

A communication dated 26th inst. was read from General Manager Guiterman enclosing contract drawn up for execution with the Smuggler Mining Co. for output of lead concentrates. Referred to Mr. E.L. Newhouse for examination and report.

A communication dated 26th inst. was read from General Manager Guiterman, asking what disposition to make of Mr. Sears in view of the fact that the ^{his} Zinc Co. finds they do not desire to utilize his services. Referred to Mr. Simon Guggenheim and Mr. Newhouse for recommendation.

A telegram dated 28th inst. was read from General Manager Guiterman asking that 250 tons daily of Eastern Coke be provided for Colorado plants in place of 200 tons, as per original request. Instructions ordered issued to Purchasing Agent that 250 tons should be provided.

A communication dated 24th inst. was read from Auditor Stewart, calling attention to an expense debit to the Grant plant of \$250.00 per month for insurance. Instructions ordered issued that hereafter no insurance be provided for the Grant plant.

W. B. M.
Secretary

Dec. 29/03. 1903

A communication dated 28th inst. was read from Auditor Stewart, calling attention to a shortage of \$3805.26 in inventory of material on hand at the Germania plant and asking for instructions with reference to such shortage. Authority given for having the shortage debited to the New York office and by the latter charged out to Profit & Loss Account.

Instructions were ordered issued to Manager Whitley that he should not contract for the Tonopah dump ore at the dump on the basis of figures submitted by him, but that on the other hand the company would be entirely willing to receive the tonnage on the basis of Tonopah contract prices delivered at our smelter.

On motion the meeting adjourned.

W. E. Merrill
Asst. Secy

New York, January 5th, 1904 190

The regular daily meeting of the Executive Committee was held January 5th, 1904 at 11:30 o'clock A.M.

Present: Messrs. Daniel Guggenheim, E. W. Nash, B. Sewell, E. Brush, E.L. Newhouse, Murry, Simon and S.R. Guggenheim.

Vice President Sewell recommended that a new telegraphic code be prepared, and that the necessary expenditure connected therewith be authorized. The matter was referred to Vice-President Sewell with full power to act.

It was decided that the cost of the Everett plant and the Monte Cristo Mine should, for the present, be carried on the books as a Suspense Account, called "Puget Sound Reduction Works and Monte Cristo Mines Account."

It was decided that hereafter plants should discontinue the practice of spreading extraordinary items of expense over a period of several months and that such extraordinary expense items, or other items affecting operations, should be debited in their entirety against the operations of the month in which the item is paid.

Comptroller Hills having called attention to the fact that the mortgage outstanding on Grant Plant requires insurance protection, instructions previously issued for withdrawing debit to Grant plant for insurance cost were cancelled, and monthly debit of premiums was authorized as heretofore.

East Helena Application #25 for appropriation of \$1500.00 for installation of new lighting plant was referred to a Committee, consisting of Messrs. A.Eilers, Simon Guggenheim and E.L. Newhouse for consideration and report.

On motion the meeting adjourned.

W. E. Merrill
Asst. Secretary.

New York, October 31st 1904

The regular daily meeting of the Executive Committee of American Smelting & Refining Co., was held Oct. 31st, 1904, at 2:30 A.M.

Present: Messrs. Daniel Guggenheim, E. W. Nash, Barton Swell, E. L. Newhouse, E. Brush, A. Eilers, Murry and S.R. Guggenheim.

Authority was given for the transfer to the Everett plant of a Connersville Blower now on hand at the Grant plant.

The preparation and execution of a contract with the Messrs. Langmaid for contracting the ore output of the Elkhorn Mine for a period of five years was authorized with provisions that if silver should go below 50 cents per ounce, during the life of the contract, we would pay as a minimum for the ore extracted the cost of operation and extraction per ton of ore. A provision to be inserted that unwatering of the mine must begin within 60 days from November 1st, and that the five years will begin to run from date of unwatering, we to have option to cancel the contract at any time after one year by payment of \$25,000.

The plant statements of expenditures for repairs and supplies during September were submitted and ordered approved.

Application of the Durango plant for appropriation of \$6000.00 for installation of a dressing kettle plant was approved, chargeable to Improvement Account, New York #543.

Monterey Applications Nos. 55 and 56 were approved covering appropriations respectively of \$5000.00 and \$2000.00 for excess expenditures over amounts originally appropriated for sampling mill and electric installation, chargeable to Improvements,

[Signature]
Secretary.

Ex Nos. 544 and 545.

Cuba application No. 39 for appropriation of \$750.00 for construction of elevator between roasters and copper furnaces, approved chargeable to Improvements - New York #546.

Cuba Application No. 40, New York #547 for appropriation \$4,000, for copper converter plant was approved, chargeable construction.

A communication dated 26h inst. was read from Manager Key renewing application of last year for permission to go from the Philadelphia to the Murray plant, certain slag conveyor repair parts. Request declined.

Murray plant Application #49, New York #548, for appropriation of \$4200.00 for twelve new slag pots and trucks was approved, chargeable to Improvements.

On motion the meeting adjourned.

M. E. Morris

Secretary.

New York, December 22nd, 1905.

A meeting of the Executive Committee of AMERICAN
MELTING & REFINING COMPANY was held at the office of the
Company, No. 71 Broadway, New York City, on Friday, December
2nd, 1905, at 11 o'clock A. M.

Present: Daniel Guggenheim
Barton Sewell,
Edward Brush,
Anton Eilers,
Edgar L. Newhouse,
Kurry Guggenheim,
S. R. Guggenheim.

Arkansas Valley Plant application No. 31, New York
No. 626, for an appropriation of \$40,000 for installation of
slag and matte handling system was approved, chargeable to
Improvements Account, the vote being unanimous in favor of
granting this appropriation with the exception of Mr. Anton
Eilers, who dissented and desired his remarks set forth
in the minutes as follows:

"This is a requisition for an improvement in slag and
matte handling. It is based on a method which the Grant Plant
in Denver has been using of late years, but it is very consid-
erably elaborated and the result is an excessive investment of
money, which appears to me not only unnecessary, but even
inadvisable from the standpoint of the constructing engineer.
The final result, even after spending so much money will,
in my mind, be a rapid deterioration of part of the construct-
ion material, and there will be no saving in cost of handling
as against the much simpler installments of movable fore-
heaths and accessories which we have at other plants.

I talked this matter over with Mr. Guiterman when he
was here the last time, but was unable to study the plan and
description of the installation so that at that time I had to
make many things for granted which Mr. Guiterman told me.
Now, after studying the plans and the written description,
I am more than ever convinced that it will be a very costly
one if we allow this installation to be made. Mr. Guiterman
says that he has ordered the materials for the installation,
but that they cannot be delivered for a long time to come.

M. E. M.
Secretary. v.

Under these circumstances, I would propose that Mr. Guiterman be instructed to recall all orders for steel structural material for this plant, and provide the A. V. Plant with an installation following the lines of that put in by the Eilers Plant and at several others of our plants, with the addition that provision should be made for handling slag pots and settlers by electricity from the furnaces on, and also to construct a slag incline and bin and hopper.

This installation is estimated by Mr. Guiterman to cost, -----\$40,000

The installation at the Eilers Plant cost in the neighborhood of-----\$8,500

But it lacks the following items which must be added to the cost of the Eilers Plant in order to get a proper comparison

Slag shell incline-----	\$2,000
Motor for incline in place---	700
Hoist for incline in place---	500
Slag shell bin in fce. bldg. complete in place-----	2,500
Slag shell hopper-----	500
Slag shell car-----	300
One electric locomotive-----	2,300
And additional wire and equip- ment from furnaces to collect ing point, which may cost---	350
	<u>9,150</u>
	<u>17,650</u>

So that this plant would cost-----\$22,350

more than a much simpler but, in my opinion, very much more effective installation; which money will not only be thrown away but much more will be added continually by the many repairs which will become necessary. Besides this, the operation of this proposed plant is so involved and complicated that it should never be attempted in metallurgical works, where the utmost simplicity is called for at all times so that continuity of operations may be assured. Under the circumstances, I cannot approve of this proposition."

After discussion on Arkansas Valley Plant No. 32, for an appropriation of \$36,000 for rebuilding and improvement of blast furnace and roaster flues, instructions were ordered issued that the proposition be changed so as to provide for a brick flue for carrying off blast furnace gases from the stack, instead of wooden construction, and the application

M. E. M.

A. Secretary. Y.

presented for such increased amount as may be necessary to provide for brick construction.

Arkansas Valley Plant application No. 33 for appropriation of \$14,000 for ventilation improvements was considered and instructions issued to return this application for cancellation, charging the cost of the work into operating expenses of the plant at the rate of \$3,000 per month, beginning with December, 1905.

No further business coming before the meeting, it was, on motion, adjourned.


W. E. Merriam,
Secretary.

New York, June 17, 1919.

A meeting of the Executive Committee of AMERICAN SMELTING AND REFINING COMPANY was held at its office, No. 120 Broadway, New York City, June 17th, 1919, at 11 o'clock in the forenoon.

There were present:

Mr. Simon Guggenheim, Chairman;
" R. W. Straus
" E. L. Newhouse
" F. H. Brownell
" Charles Earl
" Joseph Clendenin
" H. A. Guess
" William Loeb, Jr.
" F. W. Hills,


constituting a quorum.

The minutes of the meeting held on June 10th, 1919, were read and approved.

On motion, duly seconded, the following resolution was adopted:-

RESOLVED, That General Manager C. W. Whitley be and he hereby is authorized and directed to apply to the Industrial Commission of the State of Utah for the privilege to the Company of carrying self insurance under the Workmen's Compensation Act, Chapter 100, Laws of Utah of 1917, as amended to become effective July 1st, 1919.

Mr. W. E. Merriss and Mr. R. W. Straus were placed in nomination to serve as Assistant Treasurers of the Company. The nominations being seconded, on motion duly seconded and unanimously adopted the ballot of the meeting was cast in favor of their election, and they were thereupon declared duly elected Assistant Treasurers of the Company to serve until the next annual election or until their successors



are duly elected.

It was reported that up to June 1st, 1919, the Company had sold an amount of copper substantially equivalent to the amount of copper purchased by it from shippers during the period in which no copper quotations were issued, and that the average price realized on such sales was 15.6238 cents per pound. Authority was given to Plant managements to make settlement with all shippers on the basis of 15.624 cents per pound for copper received from them during the period when quotations were not issued.

A communication dated 5th inst. was submitted from Mr. Eilers to Mr. deSaulles, suggesting that the services of Mr. Cannon be utilized as a traveling inspector to supervise assaying and chemical methods in the Company's laboratories, and to see that the laboratory manual is constantly revised and brought up to date; Mr. Cannon to work under the direction of Mr. Eakins, who will report on these matters to Vice President Whitley. This arrangement was approved.

A communication dated 10th inst. from W. F. R. Mills, Manager of the Department of Improvement and Parks, at Denver, was submitted, requesting that this Company donate to the City of Denver the land comprising the site of the Grant Smelter, about 38½ acres. This property being covered by mortgage executed in connection with the Company's bond issue, it appeared not feasible to donate it, and the Secretary was directed to inform Mr. Mills accordingly, declining the request.

On motion, duly seconded, the following resolution was adopted:-

RESOLVED, That the execution by Assistant to the President, R. W. Straus, on behalf of this Company, under date of June 11, 1919, of an agreement with the Canada Smelting and Refining Works, providing



June 17 1919

for the purchase of the output of copper-bearing material of that Company for a period of two years, upon the terms and conditions set forth therein, be and the same is hereby approved, ratified and confirmed.

Attention was called to the probability that an arrangement may be made with Mr. S. W. Reynolds for taking over the operation of the Revenue Tunnel Mines in Ouray, Colorado. Authority was given to Mr. Guess to close an arrangement with Mr. Reynolds upon the basis of this Company doing such development work as it deems desirable up to December 1st, at a total cost of not exceeding \$25,000., with the agreement that on that date we have the privilege of taking over the property upon advancing to Mr. Reynolds about \$20,000 to cover back taxes, either upon a long-term lease providing for reimbursement to this Company of all capital outlay and advances, thereafter dividing the profits on the basis of one-half to this Company and one-half to the owners, or taking over at least fifty percent of the stock and distributing profits after reimbursement of our capital outlays and advances in the ratio of ownership.

Attention was called to the fact that a two-year option has been offered the Company on a copper-gold-silver property called the Vanguard Copper Mine in British Columbia, at purchase price of \$220,000.; \$500 to be paid at the time of signing option, to be applied on assessment work, and \$5,000 on August 1st. Mr. Guess was given authority to close an arrangement on the above lines, making the initial payment of \$500., and, if in his judgment it is desirable, the \$5,000 payment after thorough examination of the property.

No further business coming before the meeting, it was, on motion, duly seconded, adjourned.


Secretary.

New York, September 9, 1919.

A meeting of the Executive Committee of AMERICAN SMELTING AND REFINING COMPANY was held at its office, No. 120 Broadway, New York City, September 9, 1919, at 11 o'clock in the forenoon.

There were present:

Mr. Simon Guggenheim, Chairman;
" Karl Eilers
" R. W. Straus
" C. W. Whitley
" H. A. Guess
" William Loeb, Jr.
" F. H. Brownell
" Charles Earl
" H. R. Wagner
" F. W. Hills
" E. L. Newhouse,

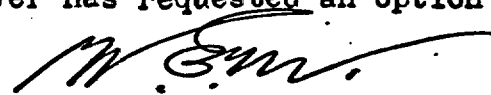
constituting a quorum.

The minutes of the meeting held on September 2, 1919, were read and approved.

A report was made in connection with loan of \$60,000 made to the Nabob Consolidated Mining Company against mortgage of their mill property and \$5,000 advanced to the same Company against expected ore shipments, and the ability of the Nabob Company to make repayment of these sums. The matter of taking the necessary steps for protecting, so far possible, this Company's interests in the premises was referred to a sub-committee consisting of Messrs. Earl, Guess, Brownell and Whitley.

A sub-committee consisting of Messrs. Earl, Brownell, Hills, Brush and Loeb was appointed, with power to take such steps as may in the discretion of the sub-committee seem advisable or necessary for the settlement along the proper lines of any questions that may arise with the Treasury Department with respect to income and excess profits taxes

It was reported that the City of Denver has requested an option



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for the purchase of the remaining 38 acres of land comprising the Grant Smelter site, for park purposes, at a price of \$50,000 for the tract, to be paid in five annual installments beginning in January next. Authority was given for the granting of such option, and, if exercised, the consummation of the sale; all details connected with releasing from mortgage, conveyance of title, etc., to be in the hands of Mr. Earl.

It was suggested that in taking over the Rosita coal properties a considerable saving, estimated at \$160,000 or upwards, may be made by immediately purchasing for cancellation the outstanding 6% bonds against the property. Referred to the Finance Committee with power.

A subcommittee was appointed, to be known as "Committee on Sales of Silver, Lead and Tin," consisting of Edward Brush, Chairman, H. R. Wagner, F. H. Brownell, and C. W. Whitley.

On the recommendation of the Committee on Construction and Improvements the unexpended balances of certain Chile appropriations were ordered cancelled, as follows:-

	<u>Appropriation number</u>	<u>Description</u>	<u>Unexpended Balance</u>
CALDERA	1295	Sample Mill	\$ 555.95
	1296	New Engine	6,770.44
	1297	Fire Lines	1,834.08
	1322	New Blast Furnace	72.53
	1349	Chimney & Dust Chamber	8,348.73
	1355	New Converter	1,133.20
	1360	Copper Track	349.40
			<u>\$19,064.33</u>
CARRIZAL	1291	Astillas Improvements	27,414.27
	1298	Opening Carrizal	
		Alto Mines . . .	8,428.81
	1334	Purchase of Dumps . .	<u>48,965.41</u>
			<u>\$84,808.49</u>

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The Committee on Construction and Improvements reported that it has been found unnecessary to install an additional ^{Aspenic} refining furnace at the Globe Plant, and that, accordingly, the appropriation of \$1,500 tentatively approved in principle would not be presented.

On the recommendation of the Pension Board authority was given for placing upon the Pension Roll, to receive \$20 per month, Mr. George Bolna, of Arkansas Valley ^{Plant,} physically disabled at the age of 58 after 32 years' service.

It was reported that thus far the tests on dump ore at the Asientos Mining Unit show up favorably, and that, consequently, it is now in order to consider proceeding at once to the construction of the proposed concentrating mill. Referred to the Finance Committee with power.

Mr. Wagner reported that the Compania Metalurgica Mexicana will not concede, in the option they are to give for the taking over of their properties, a lump sum payment in cash for a lesser amount than the \$7,000,000 specified to be in 5% bonds.

Appropriations were granted as follows:-

Cokedale Plant No. 20, diamond drill outfit, \$3,000 chargeable to Construction Account, New York No. 1432;

Murray Plant No. 151, increased slag dumping capacity, including new septic tank, \$6900., chargeable to Construction Account, New York #1433;

Bon Carbo Mine No. 2, gasoline motor passenger car, overhauling and equipment, \$17,000., chargeable to Bon Carbo Capital Account, New York No. 1434.

It was reported that 2,000,000 shares of the outstanding capital stock of 4,000,000 shares of the Premier Mine, now under examination, can be acquired for the sum of \$900,000., which, with the purchase of a small amount of treasury stock, would give this Company control. Referred to the Committee on Research, Exploration and Extension of Business for consideration and report.



Sept. 9, 1919.

No further business coming before the meeting, it was, on motion,
duly seconded, adjourned..

A handwritten signature in cursive script, appearing to read "W. E. Morris".

Secretary.

New York, May 4th, 1920.

A meeting of the Executive Committee of AMERICAN SMELTING AND REFINING COMPANY was held at its office, No. 120 Broadway, New York, May 4th, 1920, at 11:15 o'clock in the forenoon.

There were present:

Mr. Simon Guggenheim, Chairman,
" R. W. Straus
" Charles Earl
" C. A. H. deSaulles
" H. A. Prosser
" C. W. Whitley
" F. W. Hills
" F. H. Brownell
" H. R. Wagner
" William Loeb, Jr.
" H. A. Guess

constituting a quorum.

The minutes of the meeting held on April 27th were read and approved.

The Advisory Committee reported that it had agreed with Mr. G. A. Marsh, formerly Superintendent of the Pueblo Plant, to make payment to him of \$5,000.00 in lieu^{of} all claims against the Company. Approved.

It was reported that negotiations were under way with a view of taking over the Kusa Zinc Smelting Plant in Oklahoma and that it may be found feasible to do so on the basis of a cash payment of \$25,000.00, 50% of the first profits to go to the owners and 50% to this Company until its payment of \$25,000.00 shall be reimbursed; thereafter 75% of the profits to go to the present owners up to a total of \$200,000.00, whereupon the present owners will have no interest in the profits and the property will be conveyed to this company with the understanding also that the stock of ores, etc. on hand at the plant, estimated to be of a cost value of \$250,000.00, may be secured in exchange for Liberty Bonds to an amount



May 4th, 1920.

at par equaling the inventoried cost value of such stocks. The matter was referred to the Advisory Committee with power subject to the approval of the Finance Committee.

On motion, duly seconded, the following resolution was adopted:

RESOLVED, That the execution under date of April 1st, 1920, by Manager J. M. Bidwell, on behalf of this Company of an agreement with the Utah Mine providing for the purchase of its entire output of crude lead, ores and concentrates for the period beginning April 1st, 1920 and ending January 1st, 1922, upon the terms and conditions set forth therein, be, and the same is hereby approved, ratified and confirmed.

On motion, duly seconded, the following resolution was adopted:

RESOLVED, That the execution by Vice President F. H. Brownell, on behalf of this Company under date of April 30th, 1920, of an agreement with William H. Goodrich of Salt Lake City, conveying to him under lease for quarrying purposes the east half of the southeast quarter of Section 23, township one south range one east with as rental a royalty of 15¢ per cubic yard of material removed by the leasee from the property, upon the other terms and conditions as set forth therein, be, and the same is hereby approved, ratified and confirmed.

On the recommendation of the Advisory Committee approval was given, in principle, to the granting of an appropriation for remodeling furnaces and building bag house for the production of zinc oxide at the Blende Plant, estimated to cost \$60,000.00.

On motion, duly seconded, the following resolutions were adopted:

"WHEREAS, in the opinion of this Committee certain real property, situated in the County of Adams, State of Colorado, more particularly described as follows, to-wit:

Commencing at a point being three hundred and seventy-five (375) feet north of the southwest corner of the Northwest quarter (N.W. 1/4) of Section Fourteen (14) in Township Three (3) South, Range Sixty-eight (68) West of the Sixth Principal Meridian; thence



May 4th, 1920.

(1) East for a distance of One hundred and twenty-five (125) feet; thence (2) North for a distance of Twenty-five (25) feet; thence (3) West for a distance of One hundred and twenty-five (125) feet; thence (4) South for a distance of Twenty-five (25) feet, to a point of beginning; containing .0717 acres more or less.

which is part of the property covered by a certain Indenture of Mortgage and Deed of Trust, dated April 1, 1917, executed by American Smelting and Refining Company to Central Trust Company of New York (now Central Union Trust Company of New York), as trustee, to secure the payment of principal and interest of its first Mortgage Bonds, is no longer necessary or advantageous to the business of said American Smelting and Refining Company and a sale thereof is expedient in order to take advantage of an offer of purchase which has been made therefor by one Joseph Jartz of the City and County of Denver, State of Colorado; and

WHEREAS, Mr. Harry W. Newcomb of the City and County of Denver, Colorado a disinterested third party familiar with real estate values in said City and County of Denver, who was selected by said American Smelting and Refining Company, with the approval of said Central Union Trust Company of New York, to appraise said above described premises has certified under oath that the sum of fifty dollars (\$50.) represents a fair market value thereof and a reasonable price to be paid therefor; which certificate of appraisement has been duly presented and read to the Committee and the valuation therein set forth approved as a fair and adequate consideration; and

WHEREAS, said American Smelting and Refining Company has contracted to sell said real property to said Joseph Jartz of said City and County of Denver, State of Colorado for the sum of one hundred and fifty dollars (150.) now, therefore, be it

RESOLVED, That a request be made on behalf of this Company of said Central Union Trust Company of New York, as Trustee of the aforesaid Mortgage, for a release in due and proper form of the above described premises from the lien and operation of said indenture of Mortgage, in order that the same may be conveyed to said Joseph Jartz as agreed, free and clear of all encumbrances, and to attach to said request a copy of these resolutions, certified under the corporate seal, and to do all other acts and things requisite for the obtaining of said release; and be it

FURTHER RESOLVED, That, when said release has been obtained, the appropriate officers of this Company be and they hereby are, authorized and directed to execute, in the name of this Company and under its seal, a warranty deed, a copy of which is presented and read to the Committee, conveying to said Joseph Jartz said above described real property and to deliver to him said duly executed deed and said release from the Mortgage in exchange for the sum of one hundred and fifty dollars (\$150.); and be it

FURTHER RESOLVED, That, in accordance with subdivision (b) of Section 1 of Article Eleven of said Indenture of Mortgage, F. W. Hills, Comptroller of this Company, be, and he hereby is, authorized and directed to receive and hold the consideration money to be paid by the purchaser of said premises, in trust for the Trustees, and as soon as practicable thereafter to pay over the same to said Central Union Trust Company of New York, as Trustee, to be held by it as part of the security under said Indenture, and to obtain such receipts and acquittances therefor as may be necessary

M. W. Hills

May 4th, 1920.

to evidence such payment; or if, for any reason, the sale should not be consummated within a reasonable time, then the proper officers of this Company be, and they hereby are, authorized and directed to re-transfer said premises to the Trustee, subject to all the terms and conditions of said Indenture of Mortgage, as though said release thereof had never been executed."

On motion, duly seconded, the following resolutions were adopted:

"WHEREAS, in the opinion of this Committee certain real property, situated in the City and County of Denver, State of Colorado, more particularly described as follows, to wit:

That certain lot, piece and parcel of land situate, lying and being in Section Twenty-three (23); that part of the South one-half of the Northwest quarter ($S.\frac{1}{2}$ of $N.W.\frac{1}{4}$) and North one-half of the Southwest quarter ($N.\frac{1}{2}$ of $S.W.\frac{1}{4}$) of Section Twenty-three (23) Township Three (3) South, Range Sixty-eight (68), West of the Sixth Principal Meridian, in the City and County of Denver, State of Colorado, bounded and described as follows:

Beginning at a point in the Southwesterly line of Lot Seventeen (17) of Block Twenty-two (22) in St. Vincent's Addition, according to the recorded plat thereof, which point is distant forty (40) feet from the Southerly corner of Lot Sixteen (16) of said Block; thence

(1) Southwesterly parallel with and forty (40) feet distant from the Southeasterly line of The Colorado & Eastern Railroad right of way as acquired by deed recorded in book six hundred and sixty-eight (668) of the records of Arapahoe County at page two hundred and fifteen (215) thereof, for a distance of four hundred and forty-eight and eighty-seven hundreths (448.87) feet; thence

(2) On a line curved to the left, with a radius of four hundred and thirty-one and twenty-eight hundreths (431.28) feet for a distance of two hundred and fifty and fifty-two hundreths (250.52) feet; thence

(3) Southerly on a tangent to said curved line for a distance of sixty (60) feet; thence

(4) On a line curved to the left with a radius of four hundred and sixty-five and forty-five hundreths (465.45) feet for a distance of four hundred and one and fifty-eight hundreths (401.58) feet; thence

(5) Southwesterly at right angles to the Northeasterly side of Thirty-ninth Street in said St. Vincent's Addition for a distance of sixteen (16) feet to a point on the Northeasterly line of said street, which is twenty-two (22) feet Northwesterly from where the Northwesterly side of Evans Street produced Northeasterly would intersect said Northeasterly side of Thirty-ninth Street; thence

(6) Southeasterly along said Northeasterly line of Thirty-ninth Street for a distance of five hundred and seventy-five and five one hundreths (575.05) feet, more or less, to a point one hundred and twenty-five (125) feet Southeasterly from the Southeast line of Garden Lane produced; thence

(7) Northeasterly and parallel to Wewatta Street for a



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distance of three hundred and forty-nine and seven-tenths (349.7) feet; thence

(8) Southeasterly and parallel with Thirty-ninth Street for a distance of twenty (20) feet, more or less, to a point distant four hundred and sixty-seven (467) feet North forty-four degrees fifty minutes thirty seconds (44 50' 30") West from the Northwesterly line of said Wewatta Street; thence

(9) North forty-four degrees fifty-six minutes (44 56') East along a line parallel with and four hundred and sixty-seven (467) feet distant from the Northwesterly line of said Wewatta Street for a distance of one thousand five hundred and sixteen and forty-two hundredths (1,516.42) feet, more or less, to a point on the Southwesterly boundary line of a tract conveyed to the Union Pacific Railroad Company by the American Smelting and Refining Company by deed dated Sept. 15, 1909, said point being two hundred and fifty (250) feet distant from the Southwesterly right of way line now or late of the Colorado Central Railway when measured at right angles thereto; thence

(10) Northwesterly along the Southwesterly line of said tract conveyed to the Union Pacific Railroad Company, being parallel with and two hundred and fifty (250) feet distant from the Southwesterly right of way line now or late of said Colorado Central Railway (as conveyed by deed recorded in book 28, at page 206, of records of Arapahoe County, Colorado), when measured at right angles thereto, for a distance of nine hundred and sixty-eight and forty-three hundredths (968.43) feet to a point, being the Southeasterly corner of a parcel acquired by the City and County of Denver in condemnation proceedings in which said City and County of Denver was petitioner and the American Smelting and Refining Company and others were respondents, by decree entered on October 2, 1911, of the District Court of Colorado for said City and County of Denver, Division No. 3 in Case No. 49,222; thence

(11) West and parallel with the North line of the Southwest quarter of the Northwest quarter (S.W. $\frac{1}{4}$ N.W. $\frac{1}{4}$) of said Section Twenty-three (23) for a distance of one hundred and forty-nine and eighty-nine hundredths (149.89) feet to a point on the Southeasterly line of the right of way now or late of the Burlington & Colorado Railroad Company, said point being seventy-three (73) feet South and at right angles from said North line of said Southwest quarter of the Northwest quarter (S.W. $\frac{1}{4}$ N.W. $\frac{1}{4}$); thence

(12) Southwesterly on said Southeastern line of said right of way of said Burlington & Colorado Railroad Company for a distance of five hundred and twenty-three and ninety-six hundredths (523.96) feet, more or less, to the Easterly corner of Lot Fourteen (14) of said Block Twenty-two (22) in said St. Vincent's Addition; thence

(13) Southeasterly on a prolongation of the Northeasterly line of said Lot Fourteen (14) for a distance of ten (10) feet; thence

(14) Southerly for a distance of eighty and eighty-nine hundredths (80.89) feet to the place of beginning.

Containing forty and ninety-six hundredths (40.96) acres, more or less.



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which is part of the property covered by a certain Indenture of Mortgage and Deed of Trust, dated April 1, 1917, executed by American Smelting and Refining Company to Central Trust Company of New York (now Central Union Trust Company of New York), as Trustee, to secure the payment of principal and interest of its first Mortgage Bonds, is no longer necessary or advantageous to the business of said American Smelting and Refining Company and a sale thereof is expedient in order to take advantage of an offer of purchase which has been made therefor by the municipality of the City and County of Denver, State of Colorado; and

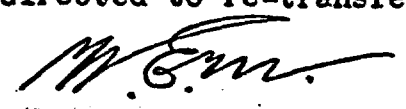
WHEREAS, Mr. Harry W. Newcomb of the City and County of Denver, Colorado a disinterested third party familiar with real estate values in said City and County of Denver, who was selected by said American Smelting and Refining Company, with the approval of said Central Union Trust Company of New York, to appraise said above described premises has certified under oath that the sum of forty-five thousand nine hundred dollars (\$45,900) represents a fair market value thereof and a reasonable price to be paid therefor; which certificate of appraisement has been duly presented and read to the Committee and the valuation therein set forth approved as a fair and adequate consideration; and

WHEREAS, said American Smelting and Refining Company has contracted to sell said real property to said municipality of the City and County of Denver, State of Colorado for the sum of fifty thousand dollars (\$50,000.); now, therefore, be it

RESOLVED, that a request be made on behalf of this Company of said Central Union Trust Company of New York, as Trustee of the aforesaid Mortgage, for a release in due and proper form of the above described premises from the lien and operation of said indenture of Mortgage, in order that the same may be conveyed to said City and County of Denver----- as agreed, free and clear of all encumbrances, and to attach to said request a copy of these resolutions, certified under the corporate seal, and to do all other acts and things requisite for the obtaining of said release; and be it

FURTHER RESOLVED, that, when said release has been obtained, the appropriate officers of this Company be and they hereby are, authorized and directed to execute, in the name of this Company and under its seal, a warranty deed, a copy of which is presented and read to the Committee, conveying to said City and County of Denver said above described real property, and to deliver to it said duly executed deed and said release from the Mortgage in exchange for the sum of fifty thousand dollars (\$50,000.); and be it

FURTHER RESOLVED, that, in accordance with sub-division (b) of Section 1 of Article Eleven of said Indenture of Mortgage, F. W. Hills, Comptroller of this Company, be, and he hereby is, authorized and directed to receive and hold the consideration money to be paid by the purchaser of said premises, in trust for the Trustee, and as soon as practicable thereafter to pay over the same to said Central Union Trust Company of New York, as Trustee, to be held by it as part of the security under said Indenture, and to obtain such receipts and acquittances therefor as may be necessary to evidence such payment; or if, for any reason, the sale should not be consummated within a reasonable time, then the proper officers of this Company be, and they hereby are, authorized and directed to re-transfer



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said premises to the Trustee, subject to all the terms and conditions of said Indenture of Mortgage, as though said release thereof had never been executed."

No further business coming before the meeting, it was, on motion, duly seconded, adjourned.


Secretary.

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New York, June 17, 1919.

A meeting of the Executive Committee of AMERICAN SMELTING AND REFINING COMPANY was held at its office, No. 120 Broadway, New York City, June 17th, 1919, at 11 o'clock in the forenoon.

There were present:

Mr. Simon Guggenheim, Chairman;
" R. W. Straus
" E. L. Newhouse
" F. H. Brownell
" Charles Earl
" Joseph Clendenin
" H. A. Guess
" William Loeb, Jr.
" F. W. Hills,

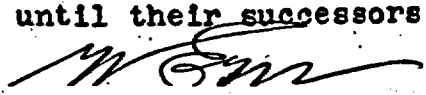
constituting a quorum.

The minutes of the meeting held on June 10th, 1919, were read and approved.

On motion, duly seconded, the following resolution was adopted:-

RESOLVED, That General Manager C. W. Whitley be and he hereby is authorized and directed to apply to the Industrial Commission of the State of Utah for the privilege to the Company of carrying self insurance under the Workmen's Compensation Act, Chapter 100, Laws of Utah of 1917, as amended to become effective July 1st, 1919.

Mr. W. E. Merriss and Mr. R. W. Straus were placed in nomination to serve as Assistant Treasurers of the Company. The nominations being seconded, on motion duly seconded and unanimously adopted the ballot of the meeting was cast in favor of their election, and they were thereupon declared duly elected Assistant Treasurers of the Company to serve until the next annual election or until their successors



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are duly elected.

It was reported that up to June 1st, 1919, the Company had sold an amount of copper substantially equivalent to the amount of copper purchased by it from shippers during the period in which no copper quotations were issued, and that the average price realized on such sales was 15.6238 cents per pound. Authority was given to Plant managements to make settlement with all shippers on the basis of 15.624 cents per pound for copper received from them during the period when quotations were not issued.

A communication dated 5th inst. was submitted from Mr. Eilers to Mr. deSaulles, suggesting that the services of Mr. Cannon be utilized as a traveling inspector to supervise assaying and chemical methods in the Company's laboratories, and to see that the laboratory manual is constantly revised and brought up to date; Mr. Cannon to work under the direction of Mr. Eakins, who will report on these matters to Vice President Whitley. This arrangement was approved.

A communication dated 10th inst. from W. F. R. Mills, Manager of the Department of Improvement and Parks, at Denver, was submitted, requesting that this Company donate to the City of Denver the land comprising the site of the Grant Smelter, about 38½ acres. This property being covered by mortgage executed in connection with the Company's bond issue, it appeared not feasible to donate it, and the Secretary was directed to inform Mr. Mills accordingly, declining the request.

On motion, duly seconded, the following resolution was adopted:-

RESOLVED, That the execution by Assistant to the President, R. W. Straus, on behalf of this Company, under date of June 11, 1919, of an agreement with the Canada Smelting and Refining Works, providing



for the purchase of the output of copper-bearing material of that Company for a period of two years, upon the terms and conditions set forth therein, be and the same is hereby approved, ratified and confirmed.

Attention was called to the probability that an arrangement may be made with Mr. S. W. Reynolds for taking over the operation of the Revenue Tunnel Mines in Ouray, Colorado. Authority was given to Mr. Guess to close an arrangement with Mr. Reynolds upon the basis of this Company doing such development work as it deems desirable up to December 1st, at a total cost of not exceeding \$25,000., with the agreement that on that date we have the privilege of taking over the property upon advancing to Mr. Reynolds about \$20,000 to cover back taxes, either upon a long-term lease providing for reimbursement to this Company of all capital outlay and advances, thereafter dividing the profits on the basis of one-half to this Company and one-half to the owners, or taking over at least fifty percent of the stock and distributing profits after reimbursement of our capital outlays and advances in the ratio of ownership.

Attention was called to the fact that a two-year option has been offered the Company on a copper-gold-silver property called the Vanguard Copper Mine in British Columbia, at purchase price of \$220,000.; \$500 to be paid at the time of signing option, to be applied on assessment work, and \$5,000 on August 1st. Mr. Guess was given authority to close an arrangement on the above lines, making the initial payment of \$500., and, if in his judgment it is desirable, the \$5,000 payment after thorough examination of the property.

No further business coming before the meeting, it was, on motion, duly seconded, adjourned.


Secretary.

New York, September 9, 1919.

A meeting of the Executive Committee of AMERICAN SMELTING AND REFINING COMPANY was held at its office, No. 120 Broadway, New York City, September 9, 1919, at 11 o'clock in the forenoon.

There were present:

Mr. Simon Guggenheim, Chairman;
" Karl Eilers
" R. W. Straus
" C. W. Whitley
" H. A. Guess
" William Loeb, Jr.
" F. H. Brownell
" Charles Earl
" H. R. Wagner
" F. W. Hills
" E. L. Newhouse,

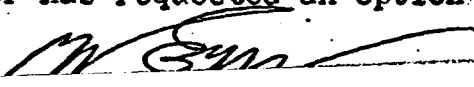
constituting a quorum.

The minutes of the meeting held on September 2, 1919, were read and approved.

A report was made in connection with loan of \$60,000 made to the Nabob Consolidated Mining Company against mortgage of their mill property and \$5,000 advanced to the same Company against expected ore shipments, and the ability of the Nabob Company to make repayment of these sums. The matter of taking the necessary steps for protecting, so far as possible, this Company's interests in the premises was referred to a sub-committee consisting of Messrs. Earl, Guess, Brownell and Whitley.

A sub-committee consisting of Messrs. Earl, Brownell, Hills, Brush and Loeb was appointed, with power to take such steps as may in the discretion of the sub-committee seem advisable or necessary for the settlement along the proper lines of any questions that may arise with the Treasury Department with respect to income and excess profits taxes.

It was reported that the City of Denver has requested an option



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for the purchase of the remaining 38 acres of land comprising the Grant Smelter site, for park purposes, at a price of \$50,000 for the tract, to be paid in five annual installments beginning in January next. Authority was given for the granting of such option, and, if exercised, the consummation of the sale; all details connected with releasing from mortgage, conveyance of title, etc., to be in the hands of Mr. Earl.

It was suggested that in taking over the Rosita coal properties a considerable saving, estimated at \$160,000 or upwards, may be made by immediately purchasing for cancellation the outstanding 6% bonds against the property. Referred to the Finance Committee with power.

A subcommittee was appointed, to be known as "Committee on Sales of Silver, Lead and Tin," consisting of Edward Brush, Chairman, H. R. Wagner, F. H. Brownell, and C. W. Whitley.

On the recommendation of the Committee on Construction and Improvements the unexpended balances of certain Chile appropriations were ordered cancelled, as follows:-

	<u>Appropriation number</u>	<u>Description</u>	<u>Unexpended Balance</u>
CALDERA	1295	Sample Mill	\$ 555.95
	1296	New Engine	6,770.44
	1297	Fire Lines	1,834.09
	1322	New Blast Furnace	72.53
	1349	Chimney & Dust Chamber	8,348.73
	1355	New Converter	1,133.20
	1360	Copper Track	349.40
			<u>\$19,064.33</u>
CARRIZAL	1291	Astillas Improvements	27,414.27
	1298	Opening Carrizal	
		Alto Mines . . .	8,428.81
	1334	Purchase of Dumps . .	48,965.41
			<u>\$84,808.49</u>

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The Committee on Construction and Improvements reported that it has been found unnecessary to install an additional ^{Refining} refining furnace at the Globe Plant, and that, accordingly, the appropriation of \$1,500 tentatively approved in principle would not be presented.

On the recommendation of the Pension Board authority was given for placing upon the Pension Roll, to receive \$20 per month, Mr. George Bolna, of Arkansas Valley ^{Plant,} physically disabled at the age of 58 after 32 years' service.

It was reported that thus far the tests on dump ore at the Asien-tos Mining Unit show up favorably, and that, consequently, it is now in order to consider proceeding at once to the construction of the proposed concentrating mill. Referred to the Finance Committee with power.

Mr. Wagner reported that the Compania Metalurgica Mexicana will not concede, in the option they are to give for the taking over of their properties, a lump sum payment in cash for a lesser amount than the \$7,000,000 specified to be in 5% bonds.


Appropriations were granted as follows:-

Cokedale Plant No. 20, diamond drill outfit, \$3,000 chargeable to Construction Account, New York No. 1432;

Murray Plant No. 151, increased slag dumping capacity, including new septic tank, \$6900., chargeable to Construction Account, New York#143

Bon Carbo Mine No. 2, gasoline motor passenger car, overhauling and equipment, \$17,000., chargeable to Bon Carbo Capital Account, New York No. 1434.

It was reported that 2,000,000 shares of the outstanding capital stock of 4,000,000 shares of the Premier Mine, now under examination, can be acquired for the sum of \$900,000., which, with the purchase of a small amount of treasury stock, would give this Company control. Referred to the Committee on Research, Exploration and Extension of Business for consideration and report.



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No further business coming before the meeting, it was, on motion,
duly seconded, adjourned.

A handwritten signature in cursive script, appearing to read "W. E. Morris".

Secretary.

New York, May 4th, 1920.

A meeting of the Executive Committee of AMERICAN SMELTING AND REFINING COMPANY was held at its office, No. 120 Broadway, New York, May 4th, 1920, at 11:15 o'clock in the forenoon.

There were present:

Mr. Simon Guggenheim, Chairman,
" R. W. Straus
" Charles Earl
" G. A. H. deSaulles
" H. A. Prosser
" C. W. Whitley
" F. W. Hills
" F. H. Brownell
" H. R. Wagner
" William Loeb, Jr.
" H. A. Guess

constituting a quorum.

The minutes of the meeting held on April 27th were read and approved.

The Advisory Committee reported that it had agreed with Mr. G. A. Marsh, formerly Superintendent of the Pueblo Plant, to make payment to him of \$5,000.00 in lieu^{of} all claims against the Company. Approved.

It was reported that negotiations were under way with a view of taking over the Kusa Zinc Smelting Plant in Oklahoma and that it may be found feasible to do so on the basis of a cash payment of \$25,000.00, 50% of the first profits to go to the owners and 50% to this Company until its payment of \$25,000.00 shall be reimbursed; thereafter 75% of the profits to go to the present owners up to a total of \$200,000.00, whereupon the present owners will have no interest in the profits and the property will be conveyed to this company with the understanding also that the stock of ores, etc. on hand at the plant, estimated to be of a cost value of \$250,000.00, may be secured in exchange for Liberty Bonds to an amount



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at par equaling the inventoried cost value of such stocks. The matter was referred to the Advisory Committee with power subject to the approval of the Finance Committee.

On motion, duly seconded, the following resolution was adopted:

RESOLVED, That the execution under date of April 1st, 1920, by Manager J. M. Bidwell, on behalf of this Company of an agreement with the Utah Mine providing for the purchase of its entire output of crude lead, ores and concentrates for the period beginning April 1st, 1920 and ending January 1st, 1922, upon the terms and conditions set forth therein, be, and the same is hereby approved, ratified and confirmed.

On motion, duly seconded, the following resolution was adopted:

RESOLVED, That the execution by Vice President F. H. Brownell, on behalf of this Company under date of April 30th, 1920, of an agreement with William H. Goodrich of Salt Lake City, conveying to him under lease for quarrying purposes the east half of the southeast quarter of Section 23, township one south range one east with as rental a royalty of 15¢ per cubic yard of material removed by the leasee from the property, upon the other terms and conditions as set forth therein, be, and the same is hereby approved, ratified and confirmed.

On the recommendation of the Advisory Committee approval was given, in principle, to the granting of an appropriation for remodeling furnaces and building bag house for the production of zinc oxide at the Blende Plant, estimated to cost \$60,000.00.

On motion, duly seconded, the following resolutions were adopted:

"WHEREAS, in the opinion of this Committee certain real property, situated in the County of Adams, State of Colorado, more particularly described as follows, to-wit:

Commencing at a point being three hundred and seventy-five (375) feet north of the southwest corner of the Northwest quarter (N.W.1/4) of Section Fourteen (14) in Township Three (3) South, Range Sixty-eight (68) West of the Sixth Principal Meridian; thence



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(1) East for a distance of One hundred and twenty-five (125) feet; thence (2) North for a distance of Twenty-five (25) feet; thence (3) West for a distance of One hundred and twenty-five (125) feet; thence (4) South for a distance of Twenty-five (25) feet, to a point of beginning; containing .0717 acres more or less.

which is part of the property covered by a certain Indenture of Mortgage and Deed of Trust, dated April 1, 1917, executed by American Smelting and Refining Company to Central Trust Company of New York (now Central Union Trust Company of New York), as trustee, to secure the payment of principal and interest of its first Mortgage Bonds, is no longer necessary or advantageous to the business of said American Smelting and Refining Company and a sale thereof is expedient in order to take advantage of an offer of purchase which has been made therefor by one Joseph Jartz of the City and County of Denver, State of Colorado; and

WHEREAS, Mr. Harry W. Newcomb of the City and County of Denver, Colorado a disinterested third party familiar with real estate values in said City and County of Denver, who was selected by said American Smelting and Refining Company, with the approval of said Central Union Trust Company of New York, to appraise said above described premises has certified under oath that the sum of fifty dollars (\$50.) represents a fair market value thereof and a reasonable price to be paid therefor; which certificate of appraisement has been duly presented and read to the Committee and the valuation therein set forth approved as a fair and adequate consideration; and

WHEREAS, said American Smelting and Refining Company has contracted to sell said real property to said Joseph Jartz of said City and County of Denver, State of Colorado for the sum of one hundred and fifty dollars (150.) now, therefore, be it

RESOLVED, That a request be made on behalf of this Company of said Central Union Trust Company of New York, as Trustee of the aforesaid Mortgage, for a release in due and proper form of the above described premises from the lien and operation of said indenture of Mortgage, in order that the same may be conveyed to said Joseph Jartz as agreed, free and clear of all encumbrances, and to attach to said request a copy of these resolutions, certified under the corporate seal, and to do all other acts and things requisite for the obtaining of said release; and be it

FURTHER RESOLVED, That, when said release has been obtained, the appropriate officers of this Company be and they hereby are, authorized and directed to execute, in the name of this Company and under its seal, a warranty deed, a copy of which is presented and read to the Committee, conveying to said Joseph Jartz said above described real property and to deliver to him said duly executed deed and said release from the Mortgage in exchange for the sum of one hundred and fifty dollars (\$150.); and be it

FURTHER RESOLVED, That, in accordance with subdivision (b) of Section 1 of Article Eleven of said Indenture of Mortgage, F. W. Hills, Comptroller of this Company, be, and he hereby is, authorized and directed to receive and hold the consideration money to be paid by the purchaser of said premises, in trust for the Trustees, and as soon as practicable thereafter to pay over the same to said Central Union Trust Company of New York, as Trustee, to be held by it as part of the security under said Indenture, and to obtain such receipts and acquittances therefor as may be necessary

M. E. M.

May 4th, 1920.

to evidence such payment; or if, for any reason, the sale should not be consummated within a reasonable time, then the proper officers of this Company be, and they hereby are, authorized and directed to re-transfer said premises to the Trustee, subject to all the terms and conditions of said Indenture of Mortgage, as though said release thereof had never been executed."

On motion, duly seconded, the following resolutions were adopted:

"WHEREAS, in the opinion of this Committee certain real property, situated in the City and County of Denver, State of Colorado, more particularly described as follows, to wit:

That certain lot, piece and parcel of land situate, lying and being in Section Twenty-three (23); that part of the South one-half of the Northwest quarter ($S.\frac{1}{2}$ of $N.W.\frac{1}{4}$) and North one-half of the Southwest quarter ($N.\frac{1}{2}$ of $S.W.\frac{1}{4}$) of Section Twenty-three (23) Township Three (3) South, Range Sixty-eight (68), West of the Sixth Principal Meridian, in the City and County of Denver, State of Colorado, bounded and described as follows:

Beginning at a point in the Southwesterly line of Lot Seventeen (17) of Block Twenty-two (22) in St. Vincent's Addition, according to the recorded plat thereof, which point is distant forty (40) feet from the Southerly corner of Lot Sixteen (16) of said Block; thence

(1) Southwesterly parallel with and forty (40) feet distant from the Southeasterly line of The Colorado & Eastern Railroad right of way as acquired by deed recorded in book six hundred and sixty-eight (668) of the records of Arapahoe County at page two hundred and fifteen (215) thereof, for a distance of four hundred and forty-eight and eighty-seven hundredths (448.87) feet; thence

(2) On a line curved to the left, with a radius of four hundred and thirty-one and twenty-eight hundredths (431.28) feet for a distance of two hundred and fifty and fifty-two hundredths (250.52) feet; thence

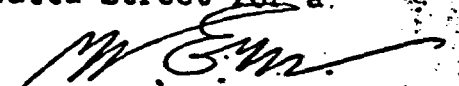
(3) Southerly on a tangent to said curved line for a distance of sixty (60) feet; thence

(4) On a line curved to the left with a radius of four hundred and sixty-five and forty-five hundredths (465.45) feet for a distance of four hundred and one and fifty-eight hundredths (401.58) feet; thence

(5) Southwesterly at right angles to the Northeasterly side of Thirty-ninth Street in said St. Vincent's Addition for a distance of sixteen (16) feet to a point on the Northeasterly line of said street, which is twenty-two (22) feet Northwesterly from where the Northwesterly side of Evans Street produced Northeasterly would intersect said Northeasterly side of Thirty-ninth Street; thence

(6) Southeasterly along said Northeasterly line of Thirty-ninth Street for a distance of five hundred and seventy-five and five one hundredths (575.05) feet, more or less, to a point one hundred and twenty-five (125) feet Southeasterly from the Southeast line of Garden Lane produced; thence

(7) Northeasterly and parallel to Wewatta Street for a



May 4th, 1920.

distance of three hundred and forty-nine and seven-tenths (349.7) feet; thence

(8) Southeasterly and parallel with Thirty-ninth Street for a distance of twenty (20) feet, more or less, to a point distant four hundred and sixty-seven (467) feet North forty-four degrees fifty minutes thirty seconds (44 50' 30") West from the Northwesterly line of said Wewatta Street; thence

(9) North forty-four degrees fifty-six minutes (44 56') East along a line parallel with and four hundred and sixty-seven (467) feet distant from the Northwesterly line of said Wewatta Street for a distance of one thousand five hundred and sixteen and forty-two hundredths (1,516.42) feet, more or less, to a point on the Southwesterly boundary line of a tract conveyed to the Union Pacific Railroad Company by the American Smelting and Refining Company by deed dated Sept. 15, 1909, said point being two hundred and fifty (250) feet distant from the Southwesterly right of way line now or late of the Colorado Central Railway when measured at right angles thereto; thence

(10) Northwesterly along the Southwesterly line of said tract conveyed to the Union Pacific Railroad Company, being parallel with and two hundred and fifty (250) feet distant from the Southwesterly right of way line now or late of said Colorado Central Railway (as conveyed by deed recorded in book 28, at page 206, of records of Arapahoe County, Colorado), when measured at right angles thereto, for a distance of nine hundred and sixty-eight and forty-three hundredths (968.43) feet to a point, being the Southeasterly corner of a parcel acquired by the City and County of Denver in condemnation proceedings in which said City and County of Denver was petitioner and the American Smelting and Refining Company and others were respondents, by decree entered on October 2, 1911, of the District Court of Colorado for said City and County of Denver, Division No. 3 in Case No. 49,222; thence

(11) West and parallel with the North line of the Southwest quarter of the Northwest quarter (S.W. $\frac{1}{4}$ N.W. $\frac{1}{4}$) of said Section Twenty-three (23) for a distance of one hundred and forty-nine and eighty-nine hundredths (149.89) feet to a point on the Southeasterly line of the right of way now or late of the Burlington & Colorado Railroad Company, said point being seventy-three (73) feet South and at right angles from said North line of said Southwest quarter of the Northwest quarter (S.W. $\frac{1}{4}$ N.W. $\frac{1}{4}$); thence

(12) Southwesterly on said Southeastern line of said right of way of said Burlington & Colorado Railroad Company for a distance of five hundred and twenty-three and ninety-six hundredths (523.96) feet, more or less, to the Easterly corner of Lot Fourteen (14) of said Block Twenty-two (22) in said St. Vincent's Addition; thence

(13) Southeasterly on a prolongation of the Northeasterly line of said Lot Fourteen (14) for a distance of ten (10) feet; thence

(14) Southerly for a distance of eighty and eighty-nine hundredths (80.89) feet to the place of beginning.

Containing forty and ninety-six hundredths (40.96) acres, more or less.



May 4th, 1920.

which is part of the property covered by a certain Indenture of Mortgage and Deed of Trust, dated April 1, 1917, executed by American Smelting and Refining Company to Central Trust Company of New York (now Central Union Trust Company of New York), as Trustee, to secure the payment of principal and interest of its first Mortgage Bonds, is no longer necessary or advantageous to the business of said American Smelting and Refining Company and a sale thereof is expedient in order to take advantage of an offer of purchase which has been made therefor by the municipality of the City and County of Denver, State of Colorado; and

WHEREAS, Mr. Harry W. Newcomb of the City and County of Denver, Colorado a disinterested third party familiar with real estate values in said City and County of Denver, who was selected by said American Smelting and Refining Company, with the approval of said Central Union Trust Company of New York, to appraise said above described premises has certified under oath that the sum of forty-five thousand nine hundred dollars (\$45,900) represents a fair market value thereof and a reasonable price to be paid therefor; which certificate of appraisement has been duly presented and read to the Committee and the valuation therein set forth approved as a fair and adequate consideration; and

WHEREAS, said American Smelting and Refining Company has contracted to sell said real property to said municipality of the City and County of Denver, State of Colorado for the sum of fifty thousand dollars (\$50,000.); now, therefore, be it

RESOLVED, that a request be made on behalf of this Company of said Central Union Trust Company of New York, as Trustee of the aforesaid Mortgage, for a release in due and proper form of the above described premises from the lien and operation of said Indenture of Mortgage, in order that the same may be conveyed to said City and County of Denver----- as agreed, free and clear of all encumbrances, and to attach to said request a copy of these resolutions, certified under the corporate seal, and to do all other acts and things requisite for the obtaining of said release; and be it

FURTHER RESOLVED, that, when said release has been obtained, the appropriate officers of this Company be and they hereby are, authorized and directed to execute, in the name of this Company and under its seal, a warranty deed, a copy of which is presented and read to the Committee, conveying to said City and County of Denver said above described real property, and to deliver to it said duly executed deed and said release from the Mortgage in exchange for the sum of fifty thousand dollars (\$50,000.); and be it

FURTHER RESOLVED, that, in accordance with sub-division (b) of Section 1 of Article Eleven of said Indenture of Mortgage, F. W. Hills, Comptroller of this Company, be, and he hereby is, authorized and directed to receive and hold the consideration money to be paid by the purchaser of said premises, in trust for the Trustee, and as soon as practicable thereafter to pay over the same to said Central Union Trust Company of New York, as Trustee, to be held by it as part of the security under said Indenture, and to obtain such receipts and acquittances therefor as may be necessary to evidence such payment; or if, for any reason, the sale should not be consummated within a reasonable time, then the proper officers of this Company be, and they hereby are, authorized and directed to re-transfer



Ex Com Mtg P7

May 4th, 1920. .

said premises to the Trustee, subject to all the terms and conditions of said Indenture of Mortgage, as though said release thereof had never been executed."

No further business coming before the meeting, it was, on motion, duly seconded, adjourned.

A handwritten signature in cursive script, appearing to read "W. E. Emerick".

Secretary.

The regular daily meeting of the Western Executive Committee was called to order at 10:45 A. M., December 2nd. There were present, Messrs. Sheedy, Grant, Guiterman, Eilers, and Lyne: Mr. Grant being in the Chair.

Messrs. Dyatt & Burchinell, who are interested in the Home Mg Co. and other mines at Leadville, came before the Committee to present claims for lower treatment charge based upon other contracts now held by the American Co., which they claimed give other mines advantages over their mines. It was clearly shown to these gentlemen that these contracts were made by the Phila. Co. before the merger, and that the American Co. is not, therefore, responsible for the rates referred to. They expressed themselves as fully satisfied with the explanation offered, but requested that they should be allowed to ship some low grade iron upon the rates now being paid to other shippers not under contract. This request was regarded as fair, and the matter was referred to Mr. Hammond.

Treat Chges discussed with Dyatt & Burchinell: Shipments of low grade authorized

The minutes of the previous meeting were then read and approved.

Unfinished business: The Secretary read a letter from Mr. Page, stating that the laborers at Argentine, concerning whom he had written, are roaster men, and are the picked men of the plant. It was the sense of the meeting that the Secretary should write Mr. Page, stating that these men could no doubt find work at either Denver, Pueblo, or Durango, but that the West. Ex. Com. are unwilling to pay any transportation charges.

Argentine labor for Durango further discussed.

The Secretary submitted a letter from Mr. Brush, returning approved requisitions as follows:- Pueblo #8, Durango #8, Globe #11, Phila. #17, all for October repairs; Globe #12 for supervision of erection of boilers; and Phila. #18 for fence at the plant.

Several requisition October repairs approved.

The Secretary read a letter from Mr. Brush, authorizing the final settlement of copper matte shipped from the A. V. Plant to Argentine upon the A. V. sample, assays to be compared and umpired if too far apart to split. The Secretary stated that he had so notified Mr. Rodman.

Settlements A.V. matte to Argentine.

The Secretary read a letter from Mr. Brush, stating that the Ex. Com. considered the price offered by Mr. Page for the Globe antimonial slag to be a fair one, and instructing that the slag should be shipped to Omaha upon the price quoted.

Globe Antimonial slag to Omaha; Price, &c.

The Secretary read a letter from Mr. Jones, in regard to the October metal losses at his plant, explaining that these losses were probably due to a bad split, and that he thought they would be recovered later.

Oct. Losse at Germani explained.

The Secretary read a letter from Mr. Jones, asking for further instructions in regard to the bonding of employees, and stating that he approved of it. It was the sense of the meeting that the cashier should be bonded for \$5,000, and the Secretary was instructed to write Mr. Jones to this effect.

Bonding of
Employees at
Salt Lake

The Secretary read a letter from Mr. Brush, asking for a report from Mr. Leonard at the earliest possible moment. The Secretary stated that he had written Mr. Brush to the effect that Mr. Leonard is now at the Omaha Plant, and will next visit the National Plant, and that a report would be submitted as soon as his investigations were completed. In this connection, Mr. Guiterman stated that investigations so far seem to indicate that the Omaha Plant is low in its results.

Report re-
quested on
Leonard's
investiga-
tions.

The Secretary read a letter from Mr. Brush, enclosing a letter from our counsel, advising the payment of the Colorado State tax upon the stock of foreign corporations. He further stated that he had talked with Mr. Waterman, of W. & V., in regard to the matter, and that he had advised that, as this tax is part of the new Revenue law which is now in the courts, it should not be paid, and that other large corporations were ignoring it. It was the sense of the meeting that W. & V.'s advice should be followed.

Payment of
State tax
on foreign
corporatio
delayed.

The Secretary read a letter from Mr. Eccles, requesting that, in case the Santa Fe should offer payment for the C. & S. tracks at the Phila. Plant, said payment should be refused on the ground that it had been decided not to sell these tracks. The Secretary was instructed to notify the Chief Clerk to this effect.

Payment fo
C & S trad
at Phila.
to be de-
clined

The Secretary read a letter from Mr. Brush, authorizing the payment by the company of Mr. K. Eilers' moving expenses from Pueblo to Denver.

The Secretary read a letter from Mr. Jones, asking for instructions in regard to payment to the Salt Lake Tribune for the special Mid-Winter Edition. It was the sense of the meeting that the Tribune should be paid upon the same basis as the Denver papers, and the Secretary was instructed to authorize Mr. Jones to pay \$150.

Subscrip-
tion to
Salt Lake
Tribune.

The Secretary read regular monthly letters from the Pueblo, Eilers, Phila., and A. V. Plants, and was instructed to present them for discussion at the meeting of the superintendents to be held at 2 P. M.

Monthly
Letters..

Mr. Guiterman submitted a report of his visit to Leadville, which was discussed and approved.

Mr. Guiterman read a letter from Mr. Brush, commenting upon the increased costs at the Phila. Plant during October, and asking for a careful investigation. Mr. Guiterman discussed this letter, and explained the various matters in question. He was requested by the Committee to investigate further, and report.

October
costs at
Phila. to
be further
investiga-
ed.

The Secretary submitted reports from Mr. Stewart, giving a summary of power and refinery costs for October.

Oct. Ref.
Power cost

There being no further business before the Committee, the meeting adjourned at 12:15 P.M., to meet at 2 P.M. in connection with the superintendents of the Colorado Plants.

N. Lyne, Secretary,
Western Executive Committee.

SPECIAL MEETING

OF

SUPERINTENDENTS

The meeting of the Western Executive Committee with the Colorado Superintendents was called to order at 2:15 P. M., December 2nd. There were present, Messrs. Sheedy, Grant, Guiterman, Eilers, and Lyne, of the West. Ex. Com., and Superintendents Eakins, Mosman, Howard, James, Alexander, and Livingston: Mr. Grant being in the Chair.

Mr. James was first asked to give his views concerning the A. V. Plant. He stated that a new sulphide mill is what is most required at present, but that nothing could be done in this matter before spring. Mr. Guiterman explained that the intention was to build a mill of sufficient capacity to enable sulphide shipments to the valley to be crushed at a low cost in case this should be considered desirable. Mr. James gave an account of the improvements which had been completed during the past four months. He stated that the new roasters are completed, and are doing extremely good work, as they handle 14 tons to the furnace in 24 hours, and reduce the sulphur to 2 1/2%. Also that the tram for hoisting coke cars is completed, and working well, the reduction in labor amounting to two men per day, with the probability of a still further reduction. Also that the new system of bedding is doing all that was expected. He further stated that the plant can handle 25,000 tons of ore per month as soon as the proposed power plant is completed. He described the ore condition as much better than it was a year ago, and expressed it as his belief that there would be no stoppage of the water supply through freezing. He had no further suggestions to offer in regard to improvements or changes.

A. V.
Situation

Mr. Livingston stated that he is well supplied with both ore and coke, and that the Redstone coke is giving very good results, the reduction being good. He explained, however, that to use this coke the blast must be cut, and that it makes a considerable amount of matte, owing to its containing .9% sulphur. He added that his roasters are doing very good work, and that the draught is particularly strong.

Grant
Plant
Consider-
ed.

There followed a general discussion of the various kinds of coke, and the causes of the bad quality of part of the F. & I. Co.'s product.

Mr. Mosman stated the conditions at his Plant, all of which was practically covered by his monthly letter. He stated further that he is using Crested Butte coke, and that the reduction is very good.

Eilers
Plant.

Mr. Howard stated the conditions at his Plant as outlined in his monthly letter. He stated that labor is plentiful with the exception of skilled masons, who are hard to get because the steel works pay higher wages. Mr. Sheedy suggested having the brick work done by contract, and Mr. Howard thought it might be possible to build the Brown-O'Hara roaster by contract, and stated that he would ask for bids. Much of the brick work, however, such as crucibles, he thought would be built better by day labor. He stated that the dumping settlers are working well at two furnaces, and that he is building two more. The question of a viaduct to the new dumping

Pueblo
Plant

ground was considered, and he stated that there is very little chance of the Rio Grande taking any slag owing to the difficulty in reaching the dump, and the cost of handling slag. He strongly urged the building of the viaduct at once on the ground that the present dump ground is almost exhausted, and there seems to be no prospect of handling the slag in any other way. He further discussed the re-building of blast furnace #1, stating that the condition of this furnace is so bad that it does not justify any further repairs. He explained that all the blast furnaces were too lightly built in the first place, a quantity of old iron having been used in their construction, which did not give sufficient strength. Moreover, that the crucibles are too small, and that it was, therefore, necessary to place water jackets upon the outer edge, thus making the crucibles too thin and weak to stand the strain. It was the sense of the meeting that the re-building of #1 Blast furnace should be strongly urged.

Mr. Eakins stated the situation at his plant as outlined in his monthly letter, explaining further that it is very difficult to do anything with the Santa Fe. In this connection, Mr. K. Eilers stated that he had wired Mr. Biddle, who agreed to do the best he could, but that nothing has as yet been done. It was decided that he should wire Mr. Biddle again, and also wire Mr. Eccles to take the matter up. Mr. Eakins explained further that a new reception track is needed, which the Committee agreed to take up at once with the Santa Fe. He again brought up the question of making a change in his boiler plant, explaining that this change would give a much higher steam pressure, and at the same time reduce the consumption of coal about 25%. He also urged that the old blast furnace flue should be strengthened with buck stays, explaining that it is 15 ft high, and is entirely without supports. He explained further that he had asked Mr. True for a price upon 3,000 ft of 6 in. "I" beams for buck stays. It was the sense of the meeting that he should make a requisition for these "I" beams at once, and should start work upon repairing the flue. As to the slag conveyor, he explained that the construction was too light in every respect; that the straps that hold the buckets together were lengthening; that the hopper was too weak; that the rolls needed strengthening, etc. It was stated by Mr. Guiterman that a considerable part of this repair work is being done by the conveyor company.

Phila.
Plant
Consider-
ed.

Mr. Alexander stated that the crucible upon his #4 furnace had broken out underneath, and that, in his opinion, it should be re-built. It was the sense of the meeting that he should build a new crucible at once. He further stated that the bricking machine was delayed waiting for the motor, and that he was getting short of clean silica. Mr. Guiterman stated that the motor for the bricking machine would be shipped upon December 19th.

Globe
Plant

All the Superintendents stated that they were well supplied with men, with the exception of masons and carpenters. Mr. Livingston stated that strong efforts are being made to get the men at the Denver Plants to join the smelter men's union, but he thought that the union is not very strong here at present. Some of the Pueblo Superintendents were inclined to believe that the union has considerable strength at Pueblo.

Labor
Supply.

The Secretary read a letter from Mr. Brush, giving instructions in regard to the assaying of bullion. This letter stated that the Superintendents could use their own judgment as regards scorifying bullion buttons, but that the loss in scorification should not be added to

Bullion
Assays

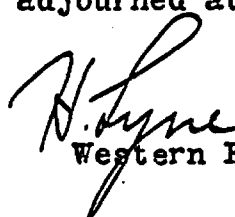
the weight of the button. There followed a general discussion of assaying, particularly of lead assays.

The question of precautions against fire was fully discussed. It was stated by the Superintendents that the instructions of Mr. Stettenheim in regard to barrels and buckets of water would require an enormous number of these vessels, and that it would be impossible to keep the buckets from being stolen, unless round bottom buckets were used. It was further explained that nothing like the number proposed could be placed to advantage. Mr. James stated that it would be impossible to keep water from freezing at the A. V. Plant, no matter how much salt it contained. It was the sense of the meeting that Mr. Stettenheim's instructions should be followed so far as possible, but that chemical extinguishers would be much more satisfactory and effective than the proposed method of keeping water in barrels and buckets. Mr. Guiterman stated further that, in his opinion, the hose should be kept always attached to the fire plugs. It was further explained to the Superintendents that it is the desire of the West. Ex. Com. that all fire apparatus should be carefully examined once a week, and that the result of the examination should be reported to the Committee.

Precautions
against
fires.

There was a general discussion of silver losses at several of the plants, and various explanations were offered.

The meeting adjourned at 4:50 P. M.

 Secretary,
Western Executive Committee.

The regular daily meeting of the Western Executive Committee was called to order at 10:40 A. M., December 4th. There were present, Messrs. Sheedy, Grant, Eilers, and Lyne: Mr. Grant being in the Chair.

Mr. W. H. James appeared before the Committee to discuss the question of selling slag for paving. He stated that some years ago an arrangement was made with the American Contracting Co. and the Colorado Paving Co., to supply said companies with slag from the Grant Plant for paving purposes at 12 1/2¢ per yard, or 25¢ per load, loads to average about two yards each. It was further agreed that slag to outside contractors should not be sold for less than 35¢ per load. Mr. James stated that this agreement had not been kept, and that slag had been sold to outside contractors at from 15 to 25¢ per load, thus enabling these contractors to bid successfully against the two paving companies mentioned. He further stated that these two companies have spent a great deal of money to introduce the use of slag in paving, and that, in his opinion, it would be greatly to the advantage of the American Co. to induce the said companies to use slag to the greatest possible extent. He, therefore, suggested a renewal of the agreement to furnish slag at 12 1/2¢ per yard, and that outside contractors should be charged 25¢ per yard. The Committee approved of Mr. James' proposition, and suggested that a formal contract should be submitted, which could be forwarded to New York for approval. Mr. James stated that he would make this suggestion to the paving companies.

Slag
Sales:
Contract
to be
drawn by
Paving
Co.

The minutes of the previous meeting were then read and approved.

Unfinished business: The Secretary submitted Dr. Lemen's report for November for the Globe and Grant Plants. This report showed a total charge for men sent to the hospital of \$34.29, and for prescriptions of \$89.55, making the total expense for the month for the two plants, including the amount paid the Doctors, \$523.64. The Secretary was instructed to hold this report until reports from other plants had been received, so that the costs at the various plants could be compared.

Doctor's
report
for Nov.
at Globe
& Grant

The Secretary read a letter from Mr. Maclean in regard to installing the new system of accident insurance at his plant. He stated that, owing to a serious delay in the mails, instructions of the West. Ex. Com. had not been received in time to put the new system into operation December 1st. He had, therefore, decided not to instal it until January 1st. He stated that the physician employed would have an assistant who would sleep in the office, so that one physician would be at the plant day and night. He also submitted a proposition from the physician to supply medicines for \$35 per month. It was the sense of the meeting that Mr. Maclean should put the new system into effect on the first of January as suggested, and that he should make an agreement with the physician to furnish medicines at \$35 per month as suggested.

Instal-
lation of
Insurance
System at
Durango.

The Secretary read a letter from Mr. Jones, stating that the security of the Germania Plant from fire would be greatly increased by the addition of three more fire plugs and 300 ft of hose, the cost being \$500 to \$600. It was the sense of the meeting that Mr. Jones should add these improvements and charge to current repairs.

Precau-
tions
against
fire at
Germania

The Secretary read a letter from Mr. Jones, enclosing a letter from Mr. Stettenheim, asking for information in regard to the New Plant. Mr. Jones stated that it would be difficult to furnish this information, and asked whether it would be necessary to carry out Mr. Stettenheim's instructions. It was the sense of the meeting that Mr. Jones should give the information required as accurately as possible.

Informa-
tion on
New Plan
to I.M.S

The Secretary submitted requisition #9 from the Pueblo Plant for re-building blast furnace #1. It was the sense of the meeting that this requisition should be held until Mr. K. Eilers could visit the Pueblo Plant, and report upon the present condition of the furnace.

Pueblo
Req. #9
Re-Bldg
Blast Fc.
#1

The Secretary submitted a report from Mr. Stewart, giving summary of blister copper operations for October.

The Secretary submitted a letter from Mr. Rhodes, giving an account of the condition of construction at the New Plant on December 2nd.

Construc-
tion New
Plant


The Secretary submitted the regular monthly letter from Mr. Alexander, of the Globe Plant, stating the condition of his Plant on December 1st. Attention was called to the bad quality of retorts as described by Mr. Alexander, and the Secretary was instructed to call the attention of the Ex. Com. to this clause of the letter.

Monthly
Letter
Globe.

The Secretary submitted a report from Mr. Guiterman upon the proposed sulphide mill at the A. V. Plant. Consideration of this report was postponed until certain details in regard to the A. V. Plant could be obtained.

Report on
A.V. new
sulphide
mill. F.G

There being no further business before the Committee, the meeting adjourned at 11:45 A. M.

 Secretary,
Western Executive Committee.

The regular daily meeting of the Western Executive Committee was called to order at 10:50 A. M., December 11th. There were present, Messrs. Sheedy, Grant, Guiterman, Eilers, and Lyne: Mr. Sheedy being in the Chair. The minutes of the previous meeting were read and approved.

Unfinished business: Mr. Eilers stated that he was notified yesterday by Mr. Eakins that he had received from the Wefugo Co. the information necessary to enable him to start the water purifying plant, and that it was started yesterday morning. Further, that Mr. Eakins would apply the purified water to only one of the locomotives at first, fearing that the cleansing action might be so rapid as to cause the boiler to leak, and thinking it very desirable to avoid the possibility of having all the locomotives leaking at once.

Wefugo
System at
Phila. to
be started.

Mr. Eilers submitted a report upon the blast furnaces at the Pueblo Plant, which was approved and ordered forwarded to the Ex. Com.

Blast
Furnace
Report

The Secretary read a letter from Mr. Jones, stating that the telegram, instructing him to reduce the payment to the Tribune for the New Year's edition to \$100, had been received too late to stop payment, but that the other papers would receive only \$100 each.

The Secretary read a letter from Mr. Jones, stating that barrels and buckets for fire protection had been ordered, in accordance with Mr. Stettenheim's instructions, and that new fire plugs would be put in as authorized by the West. Ex. Com.

Bbls &
Buckets
Ordered.
at Salt
lake.

The Secretary read a letter from Mr. Jones, in regard to the transfer of the Mingo water right, stating that the contract had been submitted to his attorney, with request for an opinion as to whether it conferred the power to transfer the right to other parties, and that he would pay the rental in the meantime. Mr. Guiterman stated further that the original contract is very loosely drawn, and that, in his opinion, it would not be binding in any way except in consideration of the fact that payments have been accepted for a period of years. Further, that the opinion of Mr. Jones' attorney would be submitted to the West. Ex. Com., who in turn would submit the question to W. & V. for an opinion.

Transfer
of Mingo
Water
Right.
Opinion
of Salt
lake Atty
To be submitted to
W & V. for
opinion.

The Secretary read a letter from Mr. Alexander, answering Circular Letter #28 of the Ex. Com., explaining the increased cost of refining at the Globe Plant, and stating that the turning of retorts had been found to injure the retorts, instead of helping them. The Secretary was instructed to forward a copy of this letter to the Ex. Com.

Ref's
Cost at
Globe.

The Secretary read Circular Letter #30 of the Ex. Com., requesting that special attention should be paid to reducing the cost of telegrams, and was instructed to forward a copy of the letter to all plants under the jurisdiction of the West. Ex. Com.

Cost of
Telegram
to be reduced.

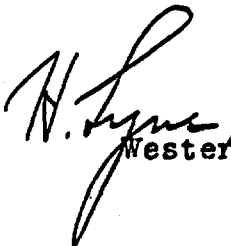
Mr. Eilers submitted a statement of accidents at all plants during November. The statement showed a total of 80 accidents, divided as follows:- A. V. 10; Durango None; Pueblo 13; Phila. 27; Eilers 2; Globe 7; Grant 12; Germania 9. Of these, seven at the A. V. were serious; 2 at the Pueblo; 12 at the Phila; and 5 at the Globe. In this connection, Mr. Guiterman called attention to the fact that it had been originally stated that all claims for accidents would be paid promptly at the Denver office, but that notice had been received from the local agent of the insurance company to the effect that he had been ordered to forward all claims to his company for collection, and had done so. Mr. Guiterman further stated that these claims had not as yet been paid, and that there were serious complaints on this account. The Secretary was instructed to write to the Ex. Com., calling their attention to this matter.

November
report of
Accidents
Claims
consider-
ed.

Mr. Howard came before the meeting to discuss the proposed new #1 furnace at his plant. The question at issue was whether or not projecting tuyeres should be used. Mr. Howard stated that averages for four years show that 60 in. furnaces with 6 in. projecting tuyeres have smelted 18 1/2% more ore than 46 in. furnaces with ordinary tuyeres. The Committee, however, were unanimously of the opinion that projecting tuyeres are a serious disadvantage. It was finally decided that Messrs. Guiterman, Eilers, and Howard should further discuss the matter, and report their decision to the West. Ex. Com.

Tuyeres
at #1 Fce
Pueblo
Plant dis-
cussed.

There being no further business before the Committee, the meeting adjourned at 12 M.

 Secretary,
Western Executive Committee.

The regular daily meeting of the Western Executive Committee was called to order at 10:50 A. M., December 19th. There were present, Messrs. Grant, Newhouse, Eilers, and Lyne: Mr. Grant being in the Chair. The minutes of the previous meeting were read and approved.

Unfinished business: Mr. Newhouse stated that Mr. Eilers would go to Leadville on Friday night to take up the matter of matte smelting at the A. V. Plant, and suggested that he should at the same time make arrangements to discontinue detective work, as instructed by the Ex. Com. in Mr. Brush's letter of Dec. 13th. This suggestion met the approval of the Committee.

Matte
Smelting
at A.V. to
be in-
vestigat-
ed.

Mr. Newhouse submitted a form of agreement which he proposed to forward to Mr. Jones, and have signed by the Utah lead producers with whom we have contracts. This was approved, and the Secretary was instructed to forward a copy to the Ex. Com., asking for an expression of opinion as to the form used.

Lead
Agreement
to T.R.J.

The Secretary submitted a letter from Mr. Alexander, explaining how silver pulp is handled at the Globe Parting Plant, and was instructed to forward it to Mr. Brush in answer to a request from him for this information.

Handling
Silver
Pulp at
Globe

The Secretary stated that he had taken up with the various plants the question of actual costs of construction and improvements as compared with the estimated costs, upon which appropriations were based, and submitted statements from the A. V., Durango, Grant, and Globe Plants. It was found that in all cases the actual costs were reasonably close to the estimated costs, except in the case of the re-building of #10 blast furnace at the A. V. Plant. The Secretary was instructed to write Mr. Rodman, asking detailed explanation of the cause of this excess of cost above the estimate. In this connection, the Secretary was further instructed to write Mr. Alexander, asking for a detailed statement showing the reduction in cost of handling slag due to the introduction of the electric system as compared with the old method, the report to also show the cost of repairs on the electric system.

Construc-
tion
Costs.

The Secretary read a letter from Mr. Rodman, stating the condition of his fire apparatus on Dec. 16th

The Secretary read the regular weekly letter from Mr. Rhodes, stating the condition of construction at the New Plant on Dec. 16th, and stated that he had forwarded one copy to the Ex. Com.

The Secretary read a letter from Mr. Rodman, stating that he would take vigorous measures to reduce the number of accidents at his plant.

The Secretary submitted a petition from the City Council of Pueblo, asking for a subscription of \$1000 toward the building of a viaduct over the railroad tracks near the Eilers Plant. It was the sense of the meeting that this petition should be forwarded to the Ex. Com. without comment, inasmuch as Mr. S. Guggenheim and Mr. A. Eilers are entirely familiar with all Pueblo matters.

Sub. to
City of
Pueblo

The Secretary submitted requisition #13 from the Globe Plant, covering November repairs, which was approved and ordered forwarded. In this connection, the Secretary was instructed to write Mr. Alexander, requesting him to make a report upon the cost of his system of handling slag and savings by the use of the reverberatory separator, as compared with the cost of handling and savings without the use of a reverberatory.

Globe
Req. #12
Nov. Repr
Slag
Handling

Mr. K. Eilers submitted a report upon Mr. Leonard's report concerning bullion assays, and read a letter from Mr. Page, commenting upon Mr. Leonard's work. He stated that he had written Mr. Leonard to return to Omaha after he had finished his work at Chicago, and to there investigate the discrepancies between his letter and that of Mr. Page. Further, that he should remain at Omaha until further instructions, making careful checks upon all assays. It was further suggested that when Mr. Leonard returns to Denver, it would be desirable to have Mr. Page come to Denver in order to discuss a system of sampling and assaying bullion, which would be the most satisfactory in every way.

Report on
Bullion
Assays
consider-
ed.

Mr. K. Eilers submitted a letter from Mr. Eakins, giving boiler power at the Phila. Plant, exclusive of the three boilers of low efficiency, and the Secretary was instructed to forward a copy of this letter to Mr. Brush in answer to his request for this information.

Boiler
Power at
Phila.

Mr. Newhouse stated that he had written Mr. Braden, requesting him to go to Tacoma, and discuss with Mr. Rust the question of a long time contract upon his common matte, settlements for metals to be made in such a way as to protect the American Co. from losses upon quotations.

Matte
contract
with Rus.

The Secretary submitted a request from the Pueblo Star-Journal for an advertisement in their New Year's edition. It was the sense of the meeting that a one-half page advertisement should be inserted at a cost of \$50.

Add in
Pueblo-
Star.

There being no further business before the Committee, the meeting adjourned at 12 M.

 Secretary,
Western Executive Committee.

The regular daily meeting of the Western Executive Committee was called to order at 10:55 A. M., December 24th. There were present, Messrs. Sheedy, Grant, Guiterman, Newhouse, Eilers, and Lyne: Mr. Sheedy being in the Chair. The minutes of the previous meeting were read and approved.

Unfinished business: The Secretary read a letter from Mr. Brush, calling attention to the fact that the salaries of several clerks, occupying positions inferior to that of the Chief Clerk, in the Denver office, were in excess of the salary to be paid the Chief Clerk after Jan. 1st, and asking the opinion of the West. Ex. Com. as to cutting these salaries. The matter was thoroughly discussed, and it was then moved by Mr. Grant, and seconded unanimously by the other members of the Committee, that it is the feeling of the Committee that the best interests of the Company will not be promoted by reducing salaries, but that, as it is the wish of the Ex. Com. to do this, the West. Ex. Com. will acquiesce in any reductions proposed. The motion passed unanimously. The Secretary was further instructed to write Mr. Brush, explaining that the Committee did not approve of the reduction in Mr. Williams' salary, but merely acquiesced in it under instructions from the Ex. Com.

Salaries
at Denver
Discussed

The Secretary read a letter from Mr. Brush, authorizing the usual subscriptions to the Denver and Pueblo Charity Organizations, and leaving it to the judgment of the West. Ex. Com. as to whether any subscription should be made to the Y. M. C. A. It was moved by Mr. Newhouse, and seconded by Mr. Grant, that a subscription of \$500 should be made to the Denver Charity Organization, and one of \$200 to the Pueblo Organization; but that nothing should be subscribed to any sectarian organization. The motion was passed.

Charity
Sub.
authorized

The Secretary submitted a letter from Mr. Brush, stating that the San Juan & N. Y. M. & S. Co. is unknown to the American Co., and that the Company in which we are interested is the San Juan S. & M. Co., the charter of which has not yet expired. The Secretary stated that he had notified W. & V. to take no further action in the matter of the San Juan & N. Y. M. & S. Co.

San Juan
& N. Y.
Charter

The Secretary submitted a letter from Mr. Eccles, addressed to Mr. Nash, and forwarded by Mr. Nash for the information of the West. Ex. Com., stating the amount of demurrage paid by the Phila. Plant, and urging that cars should be unloaded more promptly. The Secretary stated that he had written Mr. Nash, explaining the railroad situation at the Phila. Plant.

Demurrage
at Phila.

The Secretary submitted a letter from Mr. Brush, returning license to the City of Pueblo for building a sewer under the dump ground at the Pueblo Plant, duly signed and approved.

Sewer
license
Pueblo
approved

The Secretary submitted a letter from Mr. Brush, enclosing copy of letter from Mr. Robinson, urging the appointment of a man to look after the various plants. As the Secretary had already written Mr. Brush, asking that such a man be appointed by the N. Y. Office, no further action was taken.

Man to
be appointed
to look
after
plants

The Secretary submitted a letter from Mr. Brush, replying to the report from Mr. K. Eilers upon repairing the blast furnaces at the Pueblo Plant, and giving instructions in detail as regards repairing these furnaces. It was the sense of the meeting that the work should be commenced immediately, in accordance with these instructions.

Repair
of
Furnaces
at Pueblo
Plant
K. E.

The Secretary submitted a report from Mr. Alexander upon the system of handling slag at the Globe Plant by means of electric engines, showing that the saving amounted to a maximum of \$251 per mo. This report was considered satisfactory.

Slag
handling
at Globe

The Secretary submitted a report from Mr. Alexander upon the cost of handling the reverberatory slag settler and saving made as compared with the system used at the other plants. This report stated that the excess in cost of the reverberatory system as compared with the other system is \$80.15 per day, and the difference in saving, so far as could be determined by a long series of experiments, was about 1/4 oz. of silver per ton of slag handled. This report was considered satisfactory.

Slag
Settler
at Globe

Mr. Guiterman stated that the contract with the American Bridge Co., for a viaduct over the tracks at the Pueblo Plant had been partially arranged, and that a requisition would be forwarded in due course.

Pueblo
Viaduct

The Secretary submitted a report from Mr. K. Eilers upon the proposed re-building of #1 blast furnace at the Pueblo Plant. The report was approved and ordered forwarded to the Ex. Com.

Re-Bldg
#1 blast
furnace
Pueblo
Plant

Mr. Newhouse stated that an arrangement had been made, subject to the approval of the American Co., to employ Mr. Hammond as joint agent of the U. S. Red. & Ref. Co., and the American S. & R. Co., in the Cripple Creek district, at a salary of \$3000 per year from the American Co., and a similar sum to be paid by the U. S. R. & R. Co. It was moved by Mr. Newhouse, and seconded by Mr. Grant, that after Jan. 1st Mr. Hammond's services as Ore Agent should be dispensed with, in accordance with instructions from the Ex. Com., and that he should be appointed joint agent at Cripple Creek of the American S. & R. Co. and the U. S. Red. & Ref. Co., receiving a salary from the American Co. of \$3000 per year. The motion was passed. The Secretary was further instructed to notify Mr. Michel, our present Cripple Creek Agent, that his services at Cripple Creek will be dispensed with on and after Jan. 1st, and that work will be found for him in Denver at his former salary of \$115 per mo., his salary as Cripple Creek agent having been \$200 per mo. Further, that he should report in Denver for service as soon after Jan. 1st as possible, provided he is willing to accept the salary stated.

Proposed
Appoint.
of J.E.H.
as Joint
Agent at
C. C.

Mr. Newhouse submitted a letter from Mr. Eakins, referring to an increase in certain salaries at the Phila. Plant. The Secretary was instructed to write Mr. Eakins that instructions have been received from the Ex. Com. to make no increase in salaries at said Plant.

Salaries
at Phila.

The Secretary submitted a letter from Mr. Alexander, enclosing a letter from Whitford, Whitford, & May, Attorneys, threatening suit on the part of Peter Kohut, on account of an injury which he claimed to have sustained through negligence on the part of the management at the Globe Plant. The Secretary was instructed to refer this letter to the insurance company.


Suit of
Kohut
acct
accident
at Globe

The Secretary submitted a letter from Mr. Brush, instructing that the Globe Refinery should be closed down on Dec. 31st, values removed from the furnaces, and furnaces put into good repair, so that the Refinery could be started up at any time if found advisable. The Secretary was instructed to write Mr. Alexander at once to this effect. The letter further stated that it was hoped that a position could be found for Mr. Hoyt, as the Company desired to retain his services. It was the sense of the meeting that the West. Ex. Com. had no position to offer Mr. Hoyt, and the Secretary was instructed to write the Ex. Com., stating this fact, and asking whether it is desired by the Committee that Mr. Hoyt should be given the customary thirty days' notice of dismissal.

Globe
Refinery
to be
closed
down.

The Secretary submitted a letter from Mr. Alexander, stating the condition of construction at the Globe Plant on Dec. 23rd, and that the fire apparatus was in good condition on that date.

There being no further business before the Committee, the meeting adjourned at 12:20 P. M., until 10:30 A.M. Thursday, December 26th.

 Secretary,
Western Executive Committee.

The regular daily meeting of the Western Executive Committee was called to order at 10:40 A. M., January 3rd, 1902. There were present, Messrs. Sheedy, Grant, Guiterman, Newhouse, and Eilers: Mr. Sheedy being in the Chair. The minutes of the previous meeting were read and approved.

Regular monthly letters covering operations were read from the Eilers, Globe, and Pueblo Plants, and referred to Mr. K. Eilers. In the letter received from the Eilers Plant, mention was made of the advantage to be derived from utilizing a small elevator for handling ore samples, and as the material necessary for this elevator was on hand, Mr. Eilers was authorized to have same put in.

Monthly
Letters;
Elevator
at Eilers
Plant
approved

Mr. Newhouse brought up the question of a certain amount of losses in handling ores at certain stages at a number of the plants during windy weather. It was the sense of the meeting that Mr. Guiterman should investigate this question at the various plants, and see if some remedy could not be applied.

Ore loss
in windy
weather

Mr. Guiterman submitted his final report upon the A. V. Power plant improvements, together with blue prints, showing the proposed changes. After the report had been discussed, and the blue prints examined, it was moved and carried that the proposition as submitted by Mr. Guiterman be approved by the West. Ex. Com., and forwarded to the Ex. Com. for their approval. In this connection, Mr. Guiterman stated that he would submit his proposition within a few days for improving the power plant at Durango.

Report
A V Power
Plant
F.G.

Mr. Newhouse stated that he had taken the question up with the Iowa Mg Co. with a view to offering them a bonus for shutting down their property between the dates Jan. 15th and the expiration of their contract with this Company on May 15th, 1902. On taking the matter up with the New York office, he had been authorized to offer the Mg Co. the sum of \$5000 per mo. to cease operations. He had, however, effected an agreement with the mine, whereby he would pay them \$4000 per mo., and in addition any shipments that should be made between Jan. 1st and Jan. 15th, the date of closing down, settlements for lead should be made upon the basis of \$3.50 per cwt. The agreement as made by Mr. Newhouse was approved.

Bonus
to Iowa
for clos-
ing down

Mr. Newhouse called attention to the fact that there appeared to be a difference of opinion in applying freight rates on Aspen shipments consigned to leadville and Pueblo, the railroad company in leadville insisting upon higher freight rates based upon valuation of the ore when same contained lead. He had accordingly instructed Mr. Rodman not to make any more settlements upon Aspen ore until this matter had been adjusted by the Traffic Dept. He expected that these instructions would cause dissatisfaction among the Aspen shippers account of holding up their settlements. It was the sense of the meeting that the Aspen situation should have been attended to some time ago by the Traffic Dept.

Frt rates
on Aspen
Shipts.

Mr. Sheedy announced that he expected to leave for New York before the next meeting of the Committee, and would be absent ten or twelve days.

There being no further business, the meeting adjourned at 12:15 P. M., until 10:30 A. M., Monday, January 6th.

Edwin Anderson

Chief Clerk,
Western Executive Committee.

The regular daily meeting of the Western Executive Committee was called to order at 10:50 A. M., January 6th, 1902. There were present, Messrs. Grant, Guiterman, Newhouse, and Eilers: Mr. Grant being in the Chair. The minutes of the previous meeting were read and approved.

Mr. Newhouse stated that since the last meeting a temporary arrangement had been made with the railroad company in reference to the application of the same rates at Leadville as at Pueblo on Aspen ores.

Leadville
Freight
rates:

The following communications were read from the Ex. Com.:— In reference to the total cost of constructing blast furnace #10 at the A. V. Plant; Dismantling of certain plants not now in operation; Raising of the present wooden structure over melting kettles at the Phila. Plant; Absorption account at the A. V. Plant; That Mr. Williams' salary had been raised to \$250 per mo., also advising that the arrangement as to the further employment of Mr. Hammond was satisfactory; Regarding advertisements for railroad guides. Regarding the latter communication, Mr. Grant stated that at the time of the last subscription made by the Committee, it was the understanding that no more should be made.

Several
Communica-
tions from
Ex. Com.,
ordered
filed:

Mr. Guiterman submitted a report, stating that all the Colorado plants had been equipped with water barrels and fire buckets as per recommendations of Mr. Stettenheim. All of the above communications were ordered filed.

Colorado
Plants sup-
plied with
Bbls and
Buckets:

Monthly letters of operations received from the Durango, and Germania Plants, and referred to Mr. Eilers.

Report was received from Dr. Lemen, in charge of the Grant and Globe Plants, giving the number of employees attended, and other information for the month of December. It was the sense of the meeting that copies of this report should be made, and sent to the doctors in charge at the various plants, with request that they should submit reports similar to this once a month.

Physician's
Report for
Dec. on
Globe &
Grant:

Communication read from Dr. O. E. Jones, of Murray, Utah, submitting proposition to take care of the employees at the New Plant when completed. As Mr. Newhouse stated he expected to visit Utah shortly, the letter was referred to him for investigation.

Proposition
by Dr. O.E
Jones for
Services at
New Plant.

Letter read from Sec'y Brush, in which the advisability of carefully scrutinizing purchases made at the plants, and enclosing a copy of a letter from Chief Engineer Robinson to a member of the Ex. Com., calling attention to several cases, which he believed the circumstances did not warrant the plants in installing certain machinery; one case being that of the purchase of two injectors at the Pueblo Plant. Mr. Guiterman submitted statement as to the necessity of the installation of these two injectors in question. The Committee agreed fully with Mr. Guiterman as to the necessity of the installation of this machinery, and the Secretary was instructed to forward Mr. Guiterman's report to the Ex. Com.

Purchases
at plants
discussed:
Injectors
at Pueblo
Plant con-
sidered:
Report on
same by
F. G.

Under date of Jan. 2nd, Sup't of the Germania Plant reported that his fire apparatus was in good order.

Circular from the Ex. Com. read and placed on file announcing the resignation of Thos. B. Adams as Ass't Treas., and the appointment of John Manvel in his place.

Mr. Newhouse stated that he had had a meeting with Mr. Nicholson, representing the Auric Mg Co., and the A. M. W. Mg Co., and that a proposition had been agreed upon, subject to the approval of the Ex. Com., whereby the Auric Co. should cease operations for a period of one year effective Feb. 1st, and that the American Co. should pay the Auric Co. a sum equivalent to \$2000 per mo. during the period of such cessation. The arrangement with the A. M. W. Co. provided that they should shut down beginning Jan. 15th for a period of six months, and were to receive from the smelting co., in consideration of stopping operations an amount equivalent to \$5000 per mo. The arrangement with the Auric Co. also includes an option on the mine for \$175,000. It was the sense of the meeting that this proposition as outlined by Mr. Newhouse should be approved by the West. Ex. Com., and that the proposition in detail should be submitted to the Ex. Com. for their approval.

Proposition with A.M.W. & Auric Mg Co., approved.

The Chief Clerk advised that he was in receipt of a blank form of annual report sent him by the Secretary of State, requiring certain information as to the operations of this company. It was the sense of the meeting that the matter should be taken up with our attorneys, and ascertain if it was necessary that this report should be made up.

Annual Report to Sec'y of State.

Letter read from Manager Jones, of Salt Lake, in reference to water to be obtained from a certain ditch, which could be used at the New Plant, stating that until further notice he would arrange to keep the title clear to this water right. The paper was ordered filed, and the Chief Clerk instructed to advise Mr. Jones of the approval of the West. Ex. Com. in keeping up this title.

Water for New Plant considered: Title to be retained, &c:

Communication read from Sup't Howard, of the Pueblo Plant, in regard to the size of additional settler boxes to be installed at his plant. He stated that part of his present boxes were 8' and others 5 1/2', and that should the additional boxes be 8', the additional cost would be approximately \$930. The material for the 5 1/2' boxes is on hand and available at his Plant. It was the opinion of the members present that, inasmuch as it was only a question of time when it would be desirable to use only the larger size boxes that the additional boxes should be made 8'. The Chief Clerk, however, was instructed to submit Mr. Howard's letter to the Ex. Com., and ascertain their views in the matter before definitely advising him.

Settler Boxes for Pueblo Plant discussed:

Mr. Eilers submitted report showing the number of accidents at the various plants during the month of December. This report showed as follows:- Globe 15; Grant 5; Pueblo 10; Phila. 27; Eilers 5; A. V. 23; Durango 3; Germania 12; New Plant 1. Attention was called to the fact that these figures included all kinds of accidents, some of them being very trivial in their nature.

Dec. Accident Report by K. E.

Mr. Guiterman submitted final report upon the new power plant at Durango, together with blue prints. After reading the report and examining the blue prints, it was moved and carried that the proposition as submitted by Mr. Guiterman be approved, and forwarded to the Ex. Com.

Final Report on Durango Power by F. G.

No further business appearing before the
Committee, the meeting adjourned at 12:20 P. M.

Edwin Anderson

Chief Clerk,
Western Executive Committee.

50

The regular daily meeting of the Western Executive Committee was called to order at 10:50 A. M., January 7th, 1902. There were present, Messrs. Grant, Guiterman, and Eilers: Mr. Grant being in the Chair. The minutes of the previous meeting were read and approved.

Weekly construction letter under date of Jan. 6th was read from the Globe Plant, and ordered filed.

Letter covering December operations at the Grant Plant was read, and referred to Mr. Eilers.

Communication received and filed from the Ex. Com., approving the position taken by the West. Ex. Com., in reference to future dealings with the M. & S. S. Co.

West. Ex. Com. position with M. & S. Co. approved:

Mr. Eilers submitted report from Mr. Marsh as to the relative cost of bedding ores at the Phila. and Globe Plants. Figures in this report indicated that the cost at the Phila. Plant for the month of October was some \$4000 greater than at the Globe, taking into consideration the difference in tonnages. The figures as submitted were questioned by some of the members present, and in this connection the fact was noted that a proposition had been submitted by Mr. Guiterman some time ago looking to a more economical way of handling ore at the Phila. Plant. Nothing, however, had come of this proposition. Therefore the present inquiry and report.

Relative Cost for bedding at Globe & Phila. Report by Marsh:

Mr. Grant stated that he expected to leave the city to-night, to be absent a week or ten days.

There being no further business, the meeting adjourned at 11:30 A. M.

Edwin Hudson
Chief Clerk,
Western Executive Committee.

The regular daily meeting of the Western Executive Committee was called to order at 10:50 A. M., January 13th, 1902. There were present, Messrs. Newhouse, Guiterman, and Eilers: Mr. Newhouse being in the Chair. The minutes of the previous meeting were read and approved.

Contract with the Blue Bird G. M. Co., of Cripple Creek, subject to cancellation upon 60 days' notice, based upon prevailing rates now in effect, was submitted and ordered approved.

Blue Bird
G. M. Con-
tract
approved.

Letter read from the Ex. Com., approving the employment of detectives at Leadville, and suggesting that if possible the cost of this service be reduced, and asking if detectives are employed at any of the other plants of the Company. Mr. Newhouse stated that Leadville was the only point at which regular detectives were employed. Referred to Mr. Newhouse.

Leadville
Detective
Service
Cost to be
Reduced if
Possible.

Following communications from the Ex. Com. were read and ordered filed:- Allowing the present hospital service at the Germania Plant to remain unchanged until the starting of the New Plant: Authorizing the payment of insurance money due employees under the Workmens Collective Policy before receipt of the money from the Ins. Co.: That it is not necessary to show on authorizations for current monthly repairs the cost per ton of ore handled account such repairs: Authorizing an additional \$200 to be paid to the Wefugo Co. on their contract: Approving recommendation of the West. Ex. Com. that 8' settler boxes be installed at the Pueblo Plant: Approving the following requisitions for repairs during the month of November:- Grant #6; Pueblo #10; Eilers #9; Phila. #19; Durango #9; A. V. #13; Germania #9; Globe #13: Announcing the appointment of Mr. F. M. Martin as Mechanical Engineer, at a salary of \$300 per mo., with headquarters in Denver.

Several
communica-
tions from
Ex. Com.,
read and
ordered
filed.

Letter read from Auditor Stewart, stating that the delay in getting out Nov. statements was due to a certain extent to his absence from New York.

Requisi-
tions for
Nov. re-
pairs
approved.

Martin
Engineer

Letter from the Ex. Com., advising that the Hanauer Lease expires August 1st, 1902, and that same will not be renewed: Referred to Mr. Newhouse to look into upon his visit to Utah.

Hanauer
Lease.

Communication from Ex. Com. with reference to delays in receiving supplies at the New Plant, enclosing copy of letter from the Pur. Dept., showing the present status of the various orders for material. In this letter criticism was made of the present method of placing orders. It was the sense of the meeting that the Superintendent of the New Plant when placing any orders through the Pur. Dept., should furnish the West. Ex. Com. with copies of same for their information.

Delays in
receipt of
supplies at
New Plant.
Placing of
orders dis-
cussed, &c

Letter from the Pur. Dept., calling attention to several air compressors for sale by a second hand machinery company of Denver: Referred to Mr. Guiterman for investigation.

Copy of letter from Superintendent Rhodes to Manager Jones, in reference to various matters at the New Plant, among them being self-dumping cars for handling limerock shipments. As Mr. Eilers expected to leave for Utah within a day or two, the letter was referred to him to take up with Mr. Rhodes. As regards self-dumping cars for limerock, the Chief Clerk was instructed to take up with the Traffic Department the question as to the possibility of the railroad company furnishing self-dumping cars, to be used in the handling of limerock at the New Plant.

Self-dumping cars for handling limerock at New Plant.

Communication read from the Ex. Com., as to the advisability of continuing to make test lead and litharge at the Pueblo Plant. After discussion, this letter was referred to Mr. Guiterman, with request that he make report showing the profit accruing to the Pueblo Plant, and as to the advisability of continuing this branch of operations at that Plant.

Continuance of producing test lead and litharge at Plant.

Letter read from the Ins. Dept, requesting that information be furnished them by the superintendents of the various plants showing the number of barrels and buckets placed for use in case of fire, and the number of fire extinguishers. The Chief Clerk was instructed to write a circular letter to the various plants, embodying the wishes of the Ins. Dept., and requesting that this information be furnished; also any plants which are not yet supplied with fire extinguishers to advise the Committee of the number required.

Number of Bbls and Buckets at Plants, & number required.

Letter read from the Ex. Com., stating the fact was noted from a recent construction report from the New Plant that same would not be ready for operation until the latter part of May, and desiring to know, in the opinion of the West. Ex. Com., the cause of delay in completing this Plant. Letter was referred to Mr. Eilers to investigate and report.

Completion of New Plant; Report requested of K. E.

Telegram read from Secretary Brush, desiring to know what effect the present or lower price for lead will have upon the supply of zinc necessary for the new zinc plant. Mr. Newhouse stated he had asked for a report from Mr. Rodman at Leadville upon this matter, and awaiting this report, the telegram was referred to Mr. Newhouse for investigation.

Lead price Effect on Zinc supply for proposed Zinc Plant.

Comparative statement was submitted by the Traffic Dept, showing demurrage for the months of November and December at the five Pueblo and Denver Plants. This statement shows very favorably for the month of December. Suggestion was made in this letter that the limit allowed plants for unloading fuel and flux be reduced from thirteen to six days. Mr. Guiterman stated that he had seen Freight Agent MacDonald, since writing this letter in question, and had convinced him of the necessity of continuing the limit of thirteen days. It was the sense of the meeting that the plants must continue to have thirteen days time for unloading fuel and flux, and that Mr. MacDonald should arrange with the railroads accordingly. Superintendents, however, should be instructed to use every effort to unload promptly and release the railroad company's equipment as soon as possible.

Demurrage at Denver. Pueblo discussed: Statement from Traffic Dept:

Letter read from Manager MacLean, at Durango, asking what policy he should pursue in making requests for transportation for shippers of ore to his plant. It appears that one Mr. Neigold had secured his transportation last year between Silverton and Durango upon request of this company, and he desired to know if request should be

Transportation for Patrons; a Durango; Requests made through West. Ex. Co

made for the present year. This letter had been referred to Traffic Manager Eccles, who stated that he did not think this company should secure transportation for any of its patrons, and objecting to local managers making requests for such transportation, but desired that the West. Ex. Com. should act upon same, and advise him their position in the matter. It was the sense of the meeting that the position taken by Mr. Eccles was correct, and that no transportation should be furnished except upon request of the West. Ex. Com. Request for transportation was submitted by Manager MacLean for John F. Bell, who is engaged in supplying limerock to the Durango Plant of this Company, this transportation to be between Durango and Bell's spur. He stated that this transportation had been furnished Mr. Bell for the year 1901, and recommended that it be furnished Mr. Bell for the present year for the present year, as it was to the interest of this company, Mr. Bell being required to make frequent trips between Durango and the quarry in order to keep same working properly. It was the sense of the meeting that this transportation be issued, and the Chief Clerk was instructed to request the Traffic Dept to secure same.

Communication read from Manager Jones in reference to bullion stolen from the Germania Plant, advising that four bars had been recovered; also that a portion of a belt at the Hanauer had been stolen, a section of about ten feet having been cut out of the belt; and suggesting the employment of a detective. This matter was referred to Mr. Eilers to investigate and report.

Bullion
stolen at
Germania;&
Portion of
Belt at
Hanauer
stolen.

No further business appearing, the meeting adjourned at 12:35 P. M.



Chief Clerk,
Western Executive Committee.

The regular daily meeting of the Western Executive Committee was called to order at 11:10 A. M., January 14th, 1902. There were present, Messrs. Newhouse, Guiterman, and Eilers: Mr. Eilers being in the Chair. The minutes of the previous meeting were read and approved.

Communication was read from the Agent of the Silverton Smelter, in which he desired that this company should make a bid for the purchase of same. It was the sense of the members present that this property should not be purchased by the American Co., but the Chief Clerk was instructed to forward the communication to the Ex. Com. for their action.

Sale of Silverton Smelter re- to Ex. Com.

Communication read from Secretary Brush, in reference to the Insurance Co. employing a doctor for the Globe and Grant Plants, and attaching a letter from Mr. Stettenheim, in which he stated that the services of a doctor for both plants could be had for the sum of \$1800 per annum. Communication was referred to Mr. Eilers for investigation.

Proposition by Ins Co. to employ a Doctor for both Globe and Grant:

Mr. Newhouse reported that Mr. Nicholson would be in Denver Saturday, and would then decide definitely as to closing down or operating of the A. M. W. and Auric properties.

Mr. Newhouse also stated that he had received report from Mr. Rodman as to the available supply of zinc for the new zinc smelter, which would indicate that the supply would be ample. This report, in connection with his own investigations, had convinced him that plenty of zinc could be obtained for running the new zinc plant, and that he had so informed the Ex. Com.

Report on Zinc supply by J. Rodman.

Letter read by Mr. Eilers from the Ex. Com., suggesting that arrangements be made with Attorneys Gast and Waldron, at Pueblo, that their compensation should not be more than \$500 each per annum. Mr. Eilers was instructed to take the matter up with these parties, and inform them that this sum would be all that this company would allow. In case they were obliged to go into court, however, additional compensation would be allowed them.

Proposition suggested to Gast & Waldron for legal Service.

No further business appearing, the meeting adjourned at 12 M.

Edwin Anderson
Chief Clerk,
Western Executive Committee.

The regular daily meeting of the Western Executive Committee was called to order January 17th, 1902. There were present, Messrs. Sheedy, Guiterman, and Newhouse: Mr. Sheedy being in the Chair. The minutes of the previous meeting were read and approved.

Letter read from the Ex. Com., recommending that the salary of Sup't Mosman, of the Eilers Plant, be made \$5000 per annum, effective Jan. 1st, 1902, and stating that, in the opinion of the Ex. Com., the allowance of \$30 per mo. for a housekeeper, which has been made Mr. Mosman in the past, should be discontinued, and asking if the above would be acceptable to the West. Ex. Com. The Chief Clerk was instructed to notify Mr. Mosman as to the increase of his salary, and also that, effective Jan. 1st, 1902, the allowance of \$30, above mentioned, would be discontinued.

Sup't Mosman's salary increased; housekeeper allowance discontinued.

Usual weekly letters, under date of Jan. 13th, showing condition of fire apparatus and hydrants at all plants, were read and ordered filed; with the exception of that from the Grant Plant, wherein it was stated that the hydrants at that Plant were the property of the Denver Union Water Co., and were not opened during the winter months for fear of freezing, and suggesting that, if they were to be tested, an arrangement must be made with the Water Co. This communication was referred to Mr. Grant.

Condition of fire apparatus & hydrants at various plants.

Letter read from the Ex. Com., calling attention to an attached statement from the Auditor, commenting on November roasting operations, and calling attention to several differences in costs, and efficiency of roasting at various plants. Referred to Mr. Guiterman for investigation.

Nov. roasting operations; Auditor's statement.

Mr. Guiterman stated he was in receipt of a request from Sup't Livingston, of the Grant Plant, for an automatic registering beam for his track scales. It was moved and carried that Mr. Guiterman should arrange to have this beam furnished, the cost of same to be about \$150.

Registering Beam for Scales at Grant Plant.

Mr. Newhouse stated he was in receipt of letters from purchasers of test lead and litharge, who have been receiving their supplies from the Pueblo Plant, asking for a reduction in price on account of the decrease in the price of lead. After discussion, it was the sense of the meeting that no change should be made in the price of this material as supplied by the Pueblo Plant.

Reduction in price of test lead & litharge refused.

Letter from Agent Braden, in reference to the difference existing between the Empire State Mines and the East Helena Plant, due to sampling, and calling attention to the clause in last year's contract as regards what sample shall be final, and whose pulp shall be submitted for umpire in case of difference, and asking that the West. Ex. Com. authorize him to notify the Coeur d'Alene shippers that the smelter sample was to be final, and in case any differences existed in assays, the smelter pulp should be the one used for umpire purposes. The Chief Clerk was instructed to notify Mr. Braden that

Arrangement with Coeur d'Alene producers in regard to final sample and umpire pulp

he was authorized to notify the Coeur d'Alene producers to this effect.

Mr. Newhouse read a letter from the Ex. Com., relative to silver losses at the Globe Plant, and suggesting that these losses occurred in the Bruckner roasters. A general discussion followed as to such losses in Bruckners, and the operation of Bruckners at the Globe Plant; after which the meeting adjourned.

Silver loss
at Globe &
Bruckner
operations.

Edwin Hudson

Chief Clerk,
Western Executive Committee.

The regular daily meeting of the Western Executive Committee was called to order January 20th, 1902. There were present, Messrs. Sheedy, Grant, and Guiterman: Mr. Grant being in the Chair. The minutes of the previous meeting were read and approved.

Letter received from Sup't Mosman, of the Eilers Plant, acknowledging receipt of notice of advance in salary, and the discontinuance of allowance of \$30 per mo., effective Jan. 1st, 1902, stating same was entirely satisfactory.

Change in Salary of Mosman satisfactory.

Detailed statement submitted, showing expenses of Denver office for the month of December: Ordered filed.

Report from Sup't Eakins, of the Phila. Plant, showing amount expended to date upon the various improvements now under way, and the present condition of same: Ordered filed.

Following requisitions, covering current repairs at following plants for December, 1901:- Germania #10; Phila. #20; Globe #14; Durango #10; Grant #7; Pueblo #13; A. V. #14; Eilers #10. After being examined, same were approved and ordered forwarded to the Ex. Com.

Requisitions for Dec. Repairs approved & Forwarded.

Communication read from Mr. A. Eilers, suggesting that a reserve pump be installed at the Eilers Plant account of the present condition of the two old pumps now in use. Attention was called by Mr. Eilers to a second-hand pump now at the Hanauer Plant, which he believed would answer the purpose, and could be used to advantage if installed at the Eilers Plant. It was moved and carried that this recommendation of Mr. Eilers be concurred in, and that Mr. Guiterman arrange for the transfer and installation of the pump above mentioned.

Reserve pump proposed for Eilers Plant.

Requisition #14 from the Pueblo Plant, covering electric hoist attached to the crane at the dressing kettles at that plant, was submitted, the cost of same being \$798.92. Mr. Guiterman stated that this cost exceeded the original estimate by \$150 to \$200, but that the saving to be made by the installation of same is now \$6, and will eventually amount to about \$7 per day. It was moved and carried that the requisition be approved and forwarded to the Ex. Com.

Req. for electric hoist at Pueblo Plant; cost and saving.

Communication read from the Ex. Com. in reference to the re-building of furnace #1 at the Pueblo Plant, and asking for regular requisition covering this improvement. Mr. Guiterman stated that there were some features connected with this furnace that it was desirable to await the arrival of Mr. A. Eilers, who expected to be in Denver shortly, and as soon as the matter was settled, a requisition would be forwarded.

Req. requested to cover re-Bldg furnace #1 at Pueblo Plant.

A general discussion then ensued regarding the present arrangement for skimming bullion at the Globe Plant, and also the advisability of discontinuing the use of slag separators at that plant, Mr. Sheedy being opposed to any change in this direction; after which the meeting adjourned.

Bullion skimming at Globe discussed.

Edwin Anderson
Chief Clerk,
Western Executive Committee

The regular daily meeting of the Western Executive Committee was called to order January 28th, '02. There were present, Messrs. Sheedy, Guiterman and K. Eilers, and Mr. A. Eilers, of the Ex. Com.: Mr. Sheedy being in the Chair. The minutes of the previous meeting were read and approved.

Regular weekly construction letter, under date of Jan. 27th, read from the Globe Plant.

Letter read from the Globe Plant and Grant Plant, stating that the water barrels, placed for use in case of fire, had frozen, although the amount of salt as specified by Mr. Stettenheim had been placed in the water. Water Bbls at Grant & Globe frozen.

Mr. Guiterman stated, in reference to the shortage of gold in dore bars, mentioned in the minutes of yesterday, that Mr. Alexander had taken this matter up with Mr. Page, and consequently he would do nothing until Mr. Page was heard from.

Request was submitted by the Travellers Ins Co., asking that permission be granted to have their representative solicit insurance among the employees of the Globe and Grant Plants. After discussing the matter, it was moved and carried that the Travellers Ins. Co. be granted permission to solicit insurance at these plants, not more than one solicitor at each plant, and that they must confine their efforts to the noon hour only. This privilege being granted for a period of three months. Ins. Agent permitted to visit Grant & Globe.

Mr. K. Eilers' report of Jan. 21st on the condition of affairs at the New Plant was again brought up, and Mr. Eilers explained matters more fully as mentioned in this report, and also a number of other subjects that had been referred to him for investigation while in Utah. Report by K.E. on New Plant discussed.

No further business appearing, the meeting adjourned.

Edwin Anderson

Chief Clerk,
Western Executive Committee.

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The regular daily meeting of the Western Executive Committee was called to order January 27th, '02. There were present, Messrs. Sheedy, Grant Guiterman, and Mr. A. Eilers, of the Ex. Com.: Mr. Sheedy being in the Chair. The minutes of the previous meeting were read and approved.

Circular letter received from the Ex. Com., announcing that in future in addition to Mr. Brush, Messrs. Feustman and Merriss would sign letters for the Ex. Com.

Reports under date of Jan. 20th, stating that fire apparatus was in good condition, read from the following plants:- A. V., Durango, Globe, Grant, Eilers and Germania.

Communication read from Sup't Alexander, in reference to a tenant for the Globe Hotel: Referred to Mr. Sheedy.

Mr. Guiterman submitted communication from the Pur. Dept, in which it was stated that certain machinery transferred from the Mingo to the Phila. and A. V. Plants would not be charged to the plants receiving same, nor credited to the Mingo Plant, giving as authority the Ex. Com. As no such instructions were on file with this Committee, Mr. Guiterman was instructed to communicate with the Ex. Com., stating why, in the opinion of the West. Ex. Com., the Plant furnishing this machinery should be credited, and the Plant receiving debited.

Transfer of machinery from Mingo to other plants discussed, as to debit & credit of same.

Communication read from the Pur. Dept, in response to a telegraphic request as to when the motor for the Globe Plant had been shipped, stating that this motor was shipped Jan. 8th, and enclosing B/L for same. The Committee noted with surprise the length of time (Jan. 8th to Jan. 27th) that has elapsed since this motor was shipped, and the receipt of the B/L at this office. It was the opinion of the members present that all bills of lading should be forwarded promptly to this office, and that had this B/L been received promptly, steps could have been taken at this end which would have insured the delivery of this motor before now.

Delay to receipt of motor for Globe; B/L to be forwarded more promptly in future to insure more speedy delivery of material.

Mr. Guiterman submitted statement received from Omaha Plant in settlement of a number of dore bars shipped by the Globe Plant. The Omaha invoice indicating some 52 ozs less gold than the Globe invoice. The matter was referred to Mr. Guiterman to take up with Mr. Page, and see if this difference could be located.

Difference on dore bars from Globe to Omaha; ref. to F. G.

Requisition covering automatic sampling arrangement at one of the direct ore mills at the Phila. Plant submitted; this requisition being in accordance with the action of the Committee several days ago; and the Chief Clerk was instructed to approve same and forward it to the Ex. Com.

Req. for automatic samp. arrangement for Phila., approved.

Mr. Grant announced his intention of leaving for New York this evening, to be absent for a week or ten days.

Durango improvements were then discussed with Mr. A. Eilers; after which, no further business appearing, the meeting adjourned.

Edwin Anderson
Chief Clerk,
Western Executive Committee.

The regular daily meeting of the Western Executive Committee was called to order January 29th, '02. There were present, Messrs. Sheedy, Guiterman, K. Eilers, and Mr. A. Eilers, of the Ex. Com.: Mr. Sheedy being in the Chair. The minutes of the previous meeting were read and approved.

Under date of Jan. 27th, the following plants reported their fire apparatus in good condition:- A. V., Durango, Eilers, Pueblo, Phila., Globe & Grant: The latter two plants reported that their water barrels had frozen (the thermometer having dropped to 20 deg. below zero), as per mention made in minutes of yesterday.

Condition
fire appar-
atus on
Jan. 27th

Regular weekly construction letter, under date of Jan. 27th, received from the New Plant: Referred to Mr. Guiterman.

Letter read from Ex. Com. with reference to the delay in completing the New Plant, at Murray. As Mr. K. Eilers had just returned from this plant, the letter was referred to him for reply.

Letter read from Ex. Com., authorizing the purchase of copper in ores and mattes on the usual spot quotation, instead of 90 days, as has been the custom for some time past. The Chief Clerk was instructed to notify all plants interested.

Copper
purchases
on spot
quotation.

Telegram read from Ex. Com., stating they noted that 8500 tons of lead had been accumulated for the first 21 days of January at the Pueblo and Denver Plants. The Chief Clerk stated Denver records indicate only 6400 tons had been settled for: Referred to Mr. K. Eilers to investigate and reply.

Lead accum-
ulation at
Denver &
Pueblo.

Mr. Guiterman submitted draft of recommendations in reference to the relation of the Pur. Dept to the West. Ex. Com. Before discussing same, Chief Engineer Robinson was invited to appear before the Committee, after which Mr. Guiterman's recommendations were taken up; and after general discussion, the matter was referred to Messrs. Guiterman and Robinson to formulate recommendations along the lines developed by the discussion, and submit same at the meeting to-morrow.

Relation
of Pur. Dept
to West.
Ex. Com.
Recommendations
by
F.G. and C
Robinson.

No further business appearing, the meeting adjourned.

Edwin Robinson

Chief Clerk,
Western Executive Committee.

The regular daily meeting of the West. Ex. Com. was called to order February 3rd, '02. There were present, Messrs. Sheedy, Guiterman, Newhouse, Eilers, and Mr. A. Eilers, of the Ex. Com.: Mr. Sheedy being in the Chair. The minutes of the previous meeting were read and approved.

Acknowledgement was made by the Ex. Com. of Mr. K. Eilers' report on condition of affairs at the New Plant. While the Ex. Com. did not approve entirely of the strictures made by Mr. Eilers upon the Pur. Dept, they were much pleased in general with this report.

Report on New Plant Affairs by K.E. discussed.

The following requisitions were retruned by the Ex. Com., duly approved: Pueblo #13; Globe #14; Grant #7; Eilers #10; Durango #10; A. V. #14; Germania #10; Phila. #20: all of these being for current repairs during December. Also Pueblo Plant #14, covering electric hoist at the dressing kettles.

Requisition for current Dec. rep's & for hoist at Pueblo approved.

Monthly letters covering operations for January were read from the Phila., Pueblo, Eilers, and A. V. Plants. The various matters touched upon by the superintendents were discussed by the members present. In connection with the Phila. report, the Chief Clerk was instructed to write Mr. Eakins in reference to the coal trestle he is re-building; the damage being originally caused by an act of the railroad company, and ascertain full particulars regarding this accident, and also the actual cost of repairing and restoring same to former condition, in order that claim may be presented to the Santa Fe through the Traffic Department. In reference to the silicious ore situation at that Plant, Mr. Newhouse stated that arrangement had been made to give a supply of this class of ore, some 1000 tons of Ontario having been billed to that plant within the last ten days.

Monthly letters of Jan. operations discussed.

Rebuilding Trestle at Phila., Damage claim against Santa Fe.

Silicious ore situation.

In connection with Pueblo report, the question of re-building furnace #1: It was agreed between the Committee and Mr. A. Eilers that work on this furnace should be begun at once, and the entire furnace completed without further delay.

Rebuilding Furnace #1 Pueblo.

Letter read from Ex. Com., commenting upon the Auditor's statement, which was attached, for the month of December, covering general expenses at the various plants, in which attention was called to certain items, asking if they could not be reduced, or eliminated. The items noted by the Ex. Com. were discussed in detail, and the Chief Clerk was instructed to take up a number of the items mentioned with the managers of the plants outside of Denver and Pueblo, and certain other items with which the members of the Committee were personally familiar were to be explained to the Ex. Com.

Auditor's Dec. statement general expenses

Certain items to be reduced or eliminated

Communication read from Mr. Raht, calling attention of the Committee to the advisability of deciding upon a name for the New Plant, as they were desirous of ordering bullion moulds, showing the name of the New Plant on same. The Chief Clerk was instructed to take up the matter with the Ex. Com., and state that a majority of the members present were in favor of the name "Utah Plant" on account of its brevity; Mr. Newhouse, however, was in.

Name decided for New Plant to be shown on bullion moulds.

favor of the words "salt lake Plant", and requesting the Ex. Com. to advise their decision in the matter.

Communication read from Auditor Stewart, in reference to making all forms in use at all plants standard, this suggestion emanating from Mr. Hills. Mr. Stewart suggested that, inasmuch as Ass't Auditor Reese expected to visit all the plants shortly, the matter be referred to him to investigate and report his recommendations. This suggestion was concurred in by the Committee.

Standard forms for Plants.

Ex. Com. letter of Jan. 22nd was read, enclosing copy of Mr. Rodman's report covering Dec. profits and operations at A. V. Plant, and suggesting that a copy of this letter be sent to the various managers with a view to using this report as a basis for similar information. The Chief Clerk was instructed accordingly.

Copy of J. R. letter to be sent to all managers as model for reports.

Report submitted by Ass't Mgr Smith, at Utah, showing the result of coking Rock Springs coal. This report would indicate that this coal is not a coking proposition: Referred to Mr. K. Eilers.

Mr. Guiterman submitted recommendations in accordance with minutes of Saturday, defining the duties of himself and Mr. K. Eilers; also recommendations as to the purchase of supplies. Both of these communications were laid over in order that the members of the Committee might familiarize themselves with same.

Report by F.G. as to duties of himself and K. E., & supply purchases.

Report from Mr. Feustman, giving his views as to profit sharing, as per recent letter from Ex. Com. upon this subject, was then taken up. It was the opinion of the members present that this scheme as outlined for profit sharing was premature; that the conditions were not such as would warrant such a proposition being put into effect at the present time.

Action as to profit sharing deferred.

Suggestion that the Workmens Collective Policy, as is now in effect at the Germania Plant, be put in effect at the New Plant, this being in accordance with Mr. Jones' recommendations. The Chief Clerk was instructed to take up the matter with the Ex. Com., and request that this policy be made to cover the New Plant.

Workmens Policy to cover New Plant.

Suggestion that the local intercommunicating telephone system be installed at the New Plant at the present time; instead of waiting until the Plant is completed. It was the sense of the meeting that this system could be used to good advantage while constructing the Plant, and the Chief Clerk was instructed to write Mr. Jones that if he knew of no particular reason why this should not be installed at the present time, it was the wish of the Committee that same be put in as soon as possible.

Local Fone system to be installed at New Plant.

Mr. Newhouse stated the necessity would soon arise for an assistant superintendent at the New Plant. Any of the following parties would be agreeable to Mr. Rhodes:- Messrs. Budrow, Squires, Foght, and Hoyt: Mr. Rhodes' preference was Mr. Squires. The decided preference of the Committee was for Mr. Hoyt. Definite action deferred.

Ass't Sup't for New Plant. Definite action deferred.

In reference to bill for service rendered by Att'y Bradley in connection with the title, etc., of the New Plant, Mr. Newhouse stated that Mr. Bradley's original bill was for \$5000; he had, however, been induced to take \$4000, and that he was to be retained as attorney on a retainer of \$500 per annum. This arrangement was arrived

Attorney's bill for service at New Plant: Bradley retained.

at in a conference with Mr. Jones, and met with Mr. Jones' approval. Inasmuch as Mr. Jones believed that this was the best possible arrangement, and was recommended by Mr. Newhouse, the Committee agreed in these recommendations, and the Chief Clerk was instructed to take the matter up with the Ex. Com., and inform them as to the arrangement made, and if it met with their approval, to instruct that Mr. Bradley be paid this \$4000.

Following subjects were then brought up by Mr. K. Eilers:-

Lease for the land at the Hanauer Plant assumed by this Company. He stated that this provided that the land should be returned in the same condition as when the lease was made. The question, therefore, arose as to who should remove the slag, Hanauer or this Company, as a result of smelting operations. Attorney in Utah had requested a copy of the deed or bill of sale from Hanauer to this company. Mr. Eilers suggested that a copy of this document be furnished our Utah attorney, and also that our attorneys in New York pass upon this phase of the question.

Hanauer
Lease discussed:
Removal of slag from Hanauer land; question referred to Attorneys.

Ex. Com. letter of Jan. 10th, in reference to employment of doctor for the Globe and Grant Plants, the Ex. Com. being under the impression that this service could be performed for \$1800 per annum, instead of \$4000. Investigation showed that the Insurance Co. approached the same doctors who are now in our employ, these doctors being under the impression that any money paid them by the Ins. Co. would be so much additional for them. They, therefore, told the Ins. Co. that they would look our for their interests for \$1800 per annum. This sum, however, had nothing whatever to do with the \$4000 as agreed upon with the West. Ex. Com. Mr. Sheedy stated his original agreement with Dr. Lemen was for one year.

Employment of Doctor for Globe & Grant Plants; Arrangements through Ins. Co.

In reference to ice for the Pueblo Plants: The Crystal Ice Co. had offered to furnish ice, to be delivered daily at the Plants at \$4 per ton. Mr. Eilers was requested to notify these people that their proposition had been accepted.

Ice supply for Pueblo Plants:

Communication from the Auditor, attaching letter from Manager Simpson, in reference to computing sulphur upon our charge in Colorado, was read, and referred to Mr. K. Eilers for reply.

No further business appearing, the meeting adjourned.

Edwin Anderson

Chief Clerk,
Western Executive Committee.

The regular daily meeting of the West. Ex. Com., was called to order February 4th, '02. There were present, Messrs. Sheedy, Guiterman, Newhouse, and Mr. A. Eilers, of the Ex. Com.: Mr. Sheedy being in the Chair. The minutes of the previous meeting were read and approved.

Mr. Newhouse stated that Mr. Dyatt, of the Home Mg Co., desired an advance of \$10,000. As it appeared that the Company was fully protected, the advance was authorized. The Chief Clerk, however, was instructed to notify Mr. Dyatt that in future such advances could not be made, as instructions to the West. Ex. Com. did not permit the authorization of such advances.

Advance to Home Mg Co. authorized.

Usual monthly letters regarding operations for January were read from Durango, Grant and Globe Plants. In connection with the Durango report, note was taken that a number of roasters had been closed down at that Plant on account of shortage of marginal ores. It was the sense of the members present that, while Mr. MacLean may have acted to the best interests of the Company, the Chief Clerk was instructed to call his attention to the fact that in future when he thought it necessary to take any action similar to this that the matter should be first taken up with the West. Ex. Com.

Jan. operating letters, Durango Globe & Grant: Roasters closed at Durango acc't lack of marginal ores.

A number of matters were noted in the Globe report, which required attention, and was referred to Mr. Guiterman.

As regards the coke supply to that Plant, Mr. Newhouse stated that this matter had received his attention, and that he had made an appointment for Mr. D. Guggenheim to see the Fuel people about this matter the latter part of the week.

Globe coke supply.

Communication read from Sup't Alexander, enclosing bill for sprinkling the streets of Globe ville last year, amounting to \$390, stating that in the past the Globe Plant has allowed the town of Globeville the sum of \$100 for such services. Mr. Sheedy confirmed this understanding, and it was the sense of the meeting that Mr. Alexander be instructed to notify the proper official that this Company would pay \$100 towards the cost of sprinkling for the year 1901, and that until further notice we would continue to contribute this amount per annum for this purpose, provided the total bill for sprinkling was \$200 or more.

Contribution to street sprinkling at Globeville; Annual allowance by Globe.

Weekly construction letter from the Globe Plant was read: Filed.

Communication from Ex. Com., under date of Jan. 31st, received, enclosing copy of letter from Pur. Agent McGowan, showing present status of certain orders for the New Plant as mentioned in Mr. K. Eilers' report. The Chief Clerk was instructed to communicate this information to parties interested in Utah, and ascertain if any of this material has arrived up to date.

Status of orders for New Plant

Letter from Auditor Stewart, requesting that all monthly estimates of operations and all operating statements should be sent to his office, instead of to the Ex. Com. The Chairman instructed the Chief Clerk to

Auditor's request op. & ex statements Question referred

forward this letter to the Ex. Com., and state that it is the understanding of the West. Ex. Com. that all communications should be sent through the Ex. Com., and that any instructions similar to those contained in the Auditor's letter should emanate from the Ex. Com., and that if it was the wish of the Ex. Com. that these reports be handled as indicated by the Auditor, to kindly notify the West. Ex. Com. to this effect.

Ex. Com. stating sense of West. Ex. Com. all such requests to come thro' Ex. Com.

Usual monthly letters received from Dr. Lemen, in charge of the Globe and Grant Plants, and Dr. MacDonald, at the Pueblo Plant, showing the number of employees attended, etc., read and ordered filed.

Mr. Newhouse stated that the Eagle Mg Co., of Kokomo, on account of the present low grade character of their ore, desired a modification of their present contract, requesting that the zinc limit be made 12%, instead of 11%. Mr. Newhouse suggested that the zinc contents for each month's shipments should be averaged, and that if they exceeded an average of 11% the regular penalty was to be assessed. He believed by doing this, it would not be necessary to raise the zinc limit to 12%, and would, no doubt, be satisfactory to the Eagle Co. After discussing the matter, it was the sense of the meeting that Mr. Newhouse be authorized to institute this change in the contract for one month. At the end of that time to report to the Committee as to results.

Zinc penalty modified in Eagle Mg Co. contract for one month.

Mr. Guiterman stated that Mechanical Engineer Martin had reported for duty, and suggested that Mr. Martin should make a visit to all plants of the Company, and report as to any desirable improvements. The Committee agreed to the proposed outline of Mr. Martin's duties.

Mech. Engr Martin reports for duty.

No further business appearing, the meeting adjourned.

Edwin Anderson

Chief Clerk,
Western Executive Committee.

The regular daily meeting of the West. Ex. Com. was called to order February 5th, '02. There were present, Messrs. Sheedy, Guiterman, Newhouse and Eilers, and Mr. A. Eilers, of the Ex. Com.: Mr. Sheedy being in the Chair. The minutes of the previous meeting were read and approved.

Mr. Sheedy stated, in reference to the poor quality of coke now being furnished several plants, that he and several other members of the Committee had a meeting with Mr. Cass, of the Fuel Co., yesterday afternoon, and that Mr. Cass had promised to have a better coke supplied in future. He also stated that he had seen the C. & S. officials in regard to a certain piece of track required at the Globe Plant, previous mention of which has been made, and that the work would be begun to-day on same.

Quality of coke suppl to be improved.

Letter read from Ex. Com., enclosing report from Mr. Colcord, of the Perth Amboy Plant, regarding bismuth in bullion and test lead: Referred to Mr. K. Eilers.

Letter read from Ex. Com., under date of Feb. 1st, in reference to certain inquiries which is claimed have not been answered to the entire satisfaction of the Ex. Com., this letter being in reply to a communication from the Chief Clerk, answering Ex. Com. letter of Jan. 24, in which the list of subjects were mentioned in detail, to which replies had not yet been received. This letter of Jan. 24th was then read to the Committee:-

Regarding increased business at the Durango Plant: Referred to Mr. Newhouse for reply.

Coöperation of Mr. Tucker: Referred to Mr. K. Eilers for reply.

Reducing expenses at closed plants: Messrs. Guiterman and Newhouse stated that it would be impossible to effect any reduction in expenses at these plants until they had been completely dismantled.

If earning statements could be gotten out as promptly as the Grant Plant's for December: Chairman stated that it was impossible to get all reports out at the same time, and every effort was made by all plants and this office to get out prompt statements. The Chief Clerk was instructed to so advise the Ex. Com.

Title to Murray Plant land: Mr. Newhouse stated that these papers were delivered to our attorney at Salt Lake, who is now pushing the matter with a view to having a perfect title, and would report shortly.

Earnings of A. V. for December: The Chief Clerk stated that upon receipt of this letter he had referred the Ex. Com. to Mr. Guiterman's letter of Jan. 20th, which treated this subject fully. Instructed to again refer the Ex. Com. to this report, and to advise if same has not been received.

Mr. Newhouse submitted a similar letter from Ex. Com., asking for replies to certain inquiries. The Committee suggested that replies be made along certain lines, and requested him to answer accordingly.

Inquiries from Ex. Com. said to remain unanswered Various subjects mentioned referred to members of West. Ex. Com. for reply, &c.

Mr. Newhouse reported regarding Auditor Stewart's letter, which had been referred to him, in reference to the proposed office arrangements for handling business at the New Plant, that until further notice the business of the New Plant would be handled the same as it is now for the Germania.

Business arrangements New Plant.

Mr. Newhouse brought up the question as to the necessity for maintaining ore purchase records at the Pueblo Plants, stating that in the case of the Phila., should this be continued, it would be necessary to engage additional clerical force. He believed that the superintendents could readily dispense with this information. After discussion the Chief Clerk was instructed to take up the matter with the three Pueblo superintendents, and ascertain if it was necessary for good operations of the plants that this record be kept at the plants.

Question of continuing Ore Pur. Records at Pueblo Plants.

Contract with the Tacoma Sm. Co., for their output of common matte for use at the East Helena Plant, was submitted, and was duly approved by the Committee.

Matte contract with Tacoma Sm. Co.

Mr. Guiterman stated that it would be necessary to have an office desk for Mr. Martin. Suggestion was made that Ass't Auditor Reese take up the matter with Mr. Page, with a view to securing two desks from the Argentine Plant: Approved.

Desk for Engineer Martin.

Mr. K. Eilers then brought up the question of the payment for land for the zinc plant. In this connection he stated that a certain piece of land, some ten acres, owned by John Devlin, who had agreed to sell some time ago, had now withdrawn his proposition, and was asking an exorbitant price for same. It was the sense of the meeting that this party should be offered not to exceed \$300 per acre for his land, and Mr. Eilers was instructed to take the matter up with him on his next visit to Pueblo. Mr. Eilers also noted the existence of an irregular tract of land within the proposed grounds, which did not appear to be covered by any deeds. He was requested to take up the matter with Att'y Waldron, and report. Mr. Eilers then desired authority to proceed with the payment for the land, and it was moved by Mr. Guiterman, and seconded by Mr. Newhouse, that upon approval of title by Att'y Waldron to the tracts of land and water rights accompanying same, owned by the following parties: C. C. Stein, Rob't Grant, and the Suburban Land & Investment Co., the Local Cashier be instructed to draw checks payable to these parties, and that the deeds be placed on record. Motion carried.

Payment for zinc plant land authorize upon approval of title by Att'y Waldron. Another piece of ground for zinc plant proposed.

Mr. A. Eilers then took up with the Committee the question of skimming bullion at the plants. After discussion, it was the sense of the meeting that the practice of skimming bullion should be continued, and Mr. Guiterman was requested, in connection with Mr. K. Eilers, to submit a report, showing the advantages to be derived by continuing this practice.

Practice of skimming bullion to be continued

No further business appearing, the meeting adjourned.

Edwin Anderson

Chief Clerk,
Western Executive Committee.

The regular daily meeting of the West. Ex. Com. was called to order February 6th, '02. There were present Messrs. Sheedy, Guiterman, Newhouse, Eilers, and Messrs. A. Eilers, Daniel and Solomon Guggenheim, of the Ex. Com.: Mr. Sheedy being in the Chair. The minutes of the previous meeting were read and approved.

Usual weekly letters from the superintendents of all plants, except Germania, reporting the condition of their fire apparatus, were read and ordered filed.

Contract submitted and approved with the August Flower Leasing Co., of Cripple Creek, based upon prevailing rates, and subject to termination on 60 days' notice.

August
Flower con
tract.

Construction letter from New Plant under date of February 3rd, read. Question of doctors for the New Plant mentioned in this letter, referred to Mr. Newhouse. Report ordered filed.

Letter read from Stearns-Rogers Mfg Co., offering to construct sixteen 25 cu ft slag pots for \$290 each. This did not include the patterns which this company could purchase for the sum of \$250, if it so desired. In view of the fact that the Colo. Iron Works were asking \$450 for similar pots, motion was made and carried that Mr. Guiterman be authorized to close contract with these parties, and to make the best arrangement possible to protect the company's interests as regards workmanship.

New Slag
Pots to be
ordered.

Letter read from Sup't Alexander, of the Globe Plant, calling attention to the bad condition of the Robins conveyor belt at the sulphide mill, stating that, on account of the short time that this belt has been in operation, reclamation should be made on the manufacturers: Referred to Mr. Sheedy, to take up with the parties who furnished same.

Globe
Robins
Conveyor
in bad con
dition.

Mr. Newhouse reported conditions looked favorable for obtaining a supply of silica from the Horseshoe Mine, at Deadwood, their representative advising that he would be in Denver Saturday.

Silica
prospects
favorable;
supply ex-
pected from
Horseshoe
Mine at
Deadwood.

Mr. Newhouse submitted figures showing the amount of metallic lead in ores on hand Feb. 1st, which would indicate an increase in stock of 4800 tons, compared with Jan. 1st. Suggestion was made that a 10 per cent lead charge be authorized for about a period of six weeks, in order to reduce lead stocks to normal requirements, and at the end of that time the present low lead charge to be resumed. After discussing the proposition, Mr. D. Guggenheim, as Chairman of the Board, authorized that, beginning March 1st, a 10 per cent lead charge be inaugurated, and maintained until the surplus stocks were worked up. At the end of that time to revert to the present lead charge and lead output.

Metallic
lead stock
figures
by E.L.N.;
Suggestion
by D.G. to
reduce to
normal re-
quirements;

Mr. K. Eilers brought up the question as to who should have jurisdiction over the New Zinc Plant. Mr. D. Guggenheim stated that this plant would be operated under the immediate supervision of the West. Ex. Com., and be handled in all respects similar to other plants now under the jurisdiction of this Committee:

Jurisdic-
tion over
new zinc
plant: giv
to W. Ex.
Com.

Mr. A. Eilers brought up the question of acquiring a certain piece of ground south of the blast furnaces at the New Plant in Utah, setting forth the advantages to be derived by the acquisition of same. The Chief Clerk was instructed to take up the matter with Manager Jones, and ascertain his views as to the advisability of purchasing this piece of land in question, and at what price it could be obtained.

Land to be acquired at New Plant, Utah.

Telegram read from Mr. Nash, requesting that this Committee appoint a representative to confer with a representative from the Engineering Department of the Mo. Pac. R.R., in reference to tracks for the New Zinc Plant. It was the sense of the meeting that Mr. K. Eilers be delegated to confer with this party.

Tracks for Zinc Plant to be discussed with Rep. from Mo. Pac. RR

Mr. K. Eilers reported that Att'y Waldron had informed him that the irregular piece of land in the grounds of the New Zinc Plant, as mentioned in yesterday's minutes, was properly covered by deed.

Certain land at Zinc Plant covered by deed.

Ammended recommendations of Mr. Guiterman's, in reference to the purchase of supplies and machinery were then read, and were duly approved by the West. Ex. Com., and also by the members of the Ex. Com. present. Copy of these recommendations being given to Mr. D. Guggenheim, to bring before the Ex. Com., in New York. In this connection, attention was called to the incompleteness of detail in requisitions submitted to the Ex. Com., and it was the sense of the meeting that future requisitions should show details more fully.

Recommendations by F. G., as to purchases of supplies, etc Future req. to be more complete. Coeur d'A. arrangement approved by Ex. Com.

Telegram read from Ex. Com., announcing that they were in favor of continuing present arrangement with the Coeur d'Alene miners, whereby they are permitted to draw for the value of their shipments.

The question as to the respective duties of Messrs. Eilers & Guiterman was then taken up, and recommendations, defining these duties, and certain rules to be observed by the members of the Committee in the conduct of their business, as submitted by Mr. Guiterman, were read; the recommendations being as follows:-

Duties of Messrs. K. E. & F. G. defined: Recommendations suggested by F. G., and adopted. Copy of said recommendations herewith.

"The conduct of operations at the plants under the jurisdiction of the West. Ex. Com., shall be supervised by Messrs. F. Guiterman and Karl Eilers, the former dealing more particularly with construction, repairs, and the general economy of the works; the latter with the metallurgy of the same. Neither of these gentlemen, however, is authorized on his own initiative to order the undertaking of improvements, betterments, or repairs of larger nature; nor to make a change in the metallurgical conduct of operations, without the sanction of the West. Ex. Com., to whom all such contemplated changes are to be submitted.

Nor shall either of the above named gentlemen be empowered to effect changes in the personel of the office force at the plants, nor to censure or reprimand the same, but all such matters must emanate in a proper way from the West. Ex. Com. on full report submitted to and approved by them.

Nor shall there be any private correspondence between either of the above named gentlemen and the managers, superintendents, or their assistants, or any of the office force at the respective works, in respect to operations carried on therein, or conditions obtaining; but all correspondence shall be at all times official, and shall be carried on with the knowledge and approval of the West. Ex. Com.

While it is understood that the above named gentlemen have duties specially delegated to them, every member of the West. Ex. Com. is at all times requested, and authorized to visit, and examine the plants under the jurisdiction of the Committee, and to make such suggestions for the betterment and improvement of conditions and service there obtaining as will in his opinion advance the interests of the Company.

The underlying idea in the above is that the whole West. Ex. Com., who in their entirety are responsible for the proper conduct of the plants under their jurisdiction, in all of their departments, must at all times be fully informed on all matters entering into or affecting the welfare of any of the works."

In this connection, the question of who should issue instructions to the Mechanical Engineer was brought up. After a general discussion, it was the sense of the meeting that Mr. Guiterman's recommendations be adopted, and that Mr. Martin be placed under the immediate instructions of Mr. Guiterman.

Instructions to Engineer Martin.

Mr. A. Eilers brought up the question of changing a certain track at the New Plant to better facilitate the bedding of ores, which met the approval of the Committee; and motion was made and carried that the Manager Jones should be instructed to have the change made as suggested by Mr. Eilers.

Track changes at New Plant.

No further business appearing, the meeting adjourned.

Edwin Anderson

Chief Clerk,
Western Executive Committee.

The regular daily meeting of the West. Ex. Com. was called to order February 19th, '02. There were present, Messrs. Sheedy, Newhouse, and Eilers: Mr. Sheedy being in the Chair. The minutes of the previous meeting were read and approved.

Telegram from the Ex. Com. was read in regard to decrease in margins at the Grant and Eilers Plants for the month of January; also reply to same as made by the Chief Clerk: Ordered filed.

Decreased margins at Grant & Eilers in January.

Mr. Newhouse reported as to a proposed arrangement with the Buena Vista Smelter for their crude ore, and also suggesting that a contract be entered into with that Company for a period of two years for the output of their matte. These suggestions meeting with the approval of the members present, he was instructed to make the arrangements as outlined by him.

Contract proposed with Buena Vista Sm. for crude ore & matte.

Usual weekly construction letter from the Murray Plant, under date of February 17th, was read, and ordered filed.

No further business appearing, the meeting adjourned.



Chief Clerk,
Western Executive Committee.

The regular daily meeting of the West. Ex. Com. was called to order February 21st, '02. There were present, Messrs. Sheedy, Guiterman, Newhouse and Eilers: Mr. Sheedy being in the Chair. The minutes of the previous meeting were read and approved.

Opinion submitted from Wolcott, Vaile & Waterman, in reference to the Colorado Corporation License Tax for the year 1902, their advice being not to pay same. The Chief Clerk was instructed to forward a copy of this opinion to the Ex. Com.

Corporatic
License Te
not to be
paid.

Under date of February 17th, all plants reported their fire apparatus to be in working order, with the exception of the Grant Plant, which report was not clear to the Committee, and was referred to Mr. Eilers for investigation.

Communication read from the Ex. Com., in reference to the recent rates secured by the Traffic Dept upon ores from the Tonopah district, and advising that Mr. Eccles would be in Colorado within a few weeks, and suggesting various matters to be taken up with him: Referred to Mr. Newhouse.

Rates on
Tonopah
ores: Eccle
to be in
Colorado
shortly.

Mr. Guiterman read a letter from the Ex. Com., in reply to one of his, in reference to the system inaugurated by the Ex. Com., in not making debits and credits when machinery is transferred from one plant to another. It was the opinion of the members present that they did not fully agree with the Ex. Com. as to the advisability of pursuing this method, and Mr. Guiterman was requested to again take up the matter with the Ex. Com., with a view to having proper debits and credits made when material is transferred.

Debits &
credits fo
material
transferr
one plant
to another.

Mr. Guiterman was authorized to sell, at the best price obtainable, a certain Erie Engine and also some old boilers, not required at the Pueblo Plant.

Unused
material a
Pueblo
Plant to b
sold.

Mr. Guiterman submitted contract between the Mo. Pac. R.R. and this Company in reference to the viaduct over the former Company's tracks at the Pueblo Plant, this contract having been amended to meet the objections made by this Company to the original one. Mr. Guiterman reported that the contract was entirely satisfactory so far as this Company is concerned, and it was thereupon approved, and the Chief Clerk was instructed to forward same to the Ex. Com., requesting their signature to same.

Mo. Pac.
contract c
viaduct at
Pueblo.

Mr. Eilers reported regarding the purchase of a certain piece of land, of about ten acres, belonging to a party named Devlin, in the zinc plant grounds, mention of which has been made in previous minutes, submitting proposition from the owner, whereby he agreed to take \$2000 in cash, and this Company to purchase for him fifteen acres in some locality of a value which shall be equivalent to \$3000, and requesting certain privileges in the way of cultivating the land not actually used by the zinc plant, this proposition in reply to one submitted by Mr. Eilers, offering him \$4000 straight. It was the sense of the meeting that Mr. Eilers be authorized to offer this party the sum of \$5000 in cash in full settlement for his ten acres.

Purchase
of land in
zinc plant
grounds;
Propositio
to Devlin
by K. E.

The Chief Clerk was instructed to notify Mr. C. C. Parsons, who is sub-leasing certain rooms from this Company in the Boston Building, that, beginning March 31st, this Company would require these rooms, and requesting him to vacate same.

Messrs. Sheedy and Eilers submitted a report regarding the general expense items at the valley plants as reported for the five months from May to Nov. '01, this report being in accordance with request in previous minutes. The report as submitted was approved, and ordered forwarded to the Ex. Com. for their information.

Report by
D.S. & K.E
expenses a
valley
plants May
to Nov. '0

Mr. Newhouse reported that, on account of change in taking stock at the Phila. Plant Feb. 1st, the results as reported are incorrect, as the samples were not properly accounted for. The Chief Clerk was instructed to wire the Ex. Com. of this fact, and notify them that corrected results will be sent them in a few days.

Incorrect
results at
Phila. ex-
plained.

No further business appearing, the meeting adjourned.

Edwin Hudson

Chief Clerk,
Western Executive Committee.

The regular daily meeting of the West. Ex. Com. was called to order February 24th, '02. There were present, Messrs. Sheedy, Eilers and Guiterman: Mr. Sheedy being in the Chair. The minutes of the previous meeting were read and approved.

Communication read from the Ex. Com., enclosing statement from Auditor Stewart, in reference to the amount of warehouse supplies on hand at the Globe, Pueblo, Phila. and A. V. Plants. As this matter was fully covered in a report submitted to the Ex. Com. a few days ago, the communication was ordered filed.

Auditor's statement warehouse supplies.

Copy of statement as submitted by the Auditor to the Ex. Com., showing amount of metals in stock on hand at the Grant, Eilers, Phila. and A. V. Plants on Feb. 1st, noted and ordered filed.

Auditor's statement metals in stocks.

Letter read from Vice President Sewell, to which were attached certain reports, in reference to unionism at the East Helena Plant and the Murray Plant: Laid over in order that individual members might familiarize themselves with the contents of same.

Unionism at E. Helena: Letter from V.P., and reports.

Communication from the Ex. Com., in reference to the continued losses in gold at the A. V. Plant. In this letter suggestions were submitted as made by certain members of the Ex. Com., with a view to remedying this condition of affairs. It was the opinion of the members present that it was not entirely practicable to follow out the suggestions referred to in this letter, and it was referred to Mr. Guiterman for reply.

Gold losses at A. V.

Letter from the Ex. Com., recommending that Mr. Guiterman go to Utah, and that he be given authority to push the Murray Plant to early completion, and authorizing if necessary that premiums be paid to hurry any particular line of work, and also the necessity of employing a competent party to manage the new machinery at this plant when completed. On account of the necessity for having work started on the new zinc plant, Mr. Guiterman thought it would be impossible for him to leave for Utah earlier than two weeks. Communication referred to Mr. Guiterman for reply.

Completion of Murray Plant to be pushed by F. G.

Communication read from Ex. Com., asking if the Ophir and Tiewaukee Mines, which it is reported would be closed on account of failure of a savings bank in Detroit, are connected in any way with the Bingham Copper Co. The Chief Clerk was instructed to take the matter up with Manager Jones, and obtain the necessary information.

Ophir & Tiewaukee closed account failure of Detroit Bank.

Letter read from Mr. Rodman, in which he stated he believed it impossible to obtain a reduction in the assessment for the year 1901; also that he has not as yet paid taxes for that year, and would not do so until so advised by this Committee.

A.V. Reduction in 1901 assessments impossible.

Letter read from Mr. Rodman, advising that Sup't James expected to leave for a month's vacation about March 1st. This was entirely satisfactory to the Committee.

Letter read from the Ex. Com. in reference to who was responsible for the removal of slag at the Hanauer works, enclosing opinion from our N. Y. Attorneys on this matter. It was the opinion of the Ex. Com. that this Company should take the position that they are not liable for the removal of this slag, and requesting the opinion of our Attorney at Salt Lake. The Chief Clerk was instructed to request that the Ex. Com. forward the original bill of sale, or copy of same, as per previous request of the Committee, in order that our Attorney in Utah might have same upon which to base his opinion.

Question of removal of Slag at Hanauer Plant.

Letter from Auditor Stewart, suggesting that semi-annual inventory of supplies at the plants be rendered, and suggesting dates of Jan. 1st and July 1st. As our fiscal year closes May 1st, it was the sense of the members present that these inventory dates should be May 1st and Nov. 1st: Referred to Mr. Eilers.

Semi-Annual inventory of supplies proposed by auditor.

Communication read from Pur. Agent MacGowan, stating that he was authorized by the Ex. Com. to secure all information possible in reference to the following propositions:-

Proposition by Pur. Agent MacGowan; not to be undertaken at present.

- (1) General contract for our assay and chemical supplies:
- (2) Advisability of having all machine work for Pueblo Plants done in a shop at one of the plants.
- (3) Advisability of this company running its own plant in Colorado for the manufacture of fire brick, assay and chemical supplies.

It was the sense of the meeting that it was not advisable at the present time to undertake any of the above propositions: Referred to Mr. Eilers for reply.

Usual weekly construction letter from the Globe Plant, under date of Feb. 17th, read and ordered filed.

Communication from Manager Page, at Omaha, calling attention to the differences in silver assays on certain lots of bullion consigned by the Pueblo, Grant, and A. V. Plants; and requesting that the matter be looked into at this end: Referred to Mr. Eilers.

Bullion assay differences at Omaha.

Requisitions covering current repairs for the month of Jan. from following plants were submitted, and approved:- Durango #11; Globe #16; Grant #8; Phila. #22; Eilers #12; Pueblo #15; A. V. #15; Germania #11.

Jan. Repair requisition approved.

Letter from Manager Jones, to which was attached certain correspondence, in reference to Tonopah ores, was read. The Chief Clerk was instructed to submit this correspondence to Mr. Newhouse for whatever action he may deem advisable.

In ref. to Tonopah ore Letter &c by T.R.J.

No further business appearing, the meeting adjourned.

Edwin Anderson
Chief Clerk,
Western Executive Committee.

The regular daily meeting of the West. Ex. Com. was called to order February 26th, '02. There were present, Messrs. Sheedy, Guiterman and Eilers: Mr. Sheedy being in the Chair. The minutes of the previous meeting were read and approved.

Reports were submitted by the various superintendents and doctors, in reply to inquiry of this Committee, as to whether certain employes were taking advantage of the hospital service of this Company, and travelling from one plant to another. From these reports, it would appear that this is not being done, mention being made of only two or three possible cases of this kind.

Reports by Supts & Doctors on "Chronics" taking advantage of Hospital Service.

Communication read from Mr. A. Eilers, in reference to changing the trestle over the ore beds at the Murray Plant: Referred to Mr. Guiterman.

Statement submitted, showing the Coeur d'Alene Development Co. to be indebted to this Company in the sum of \$497.17, account agreement covering lead production for the year 1900. In this connection a letter was read from Agent Braden, stating that this amount was due from the fact that the Coeur d'Alene Co. produced a certain amount of lead in April, but shipped it in May, and they thereby claim exemption from the penalty for this production. It was the sense of the meeting that the matter be referred to the Ex. Com., with recommendation of this Committee that this balance be adjusted by the Coeur d'Alene Co.

Adjustment of claim upon Coeur d'Alene Dev.Co. acc't lead shipts

Letter read from Agent Braden, suggesting the advisability of this Company operating a sampler in the northwest. As he stated in this letter that this proposition had been submitted to the Ex. Com. some time ago, no action was deemed necessary on the part of this Committee, and the Chief Clerk was instructed to so inform Mr. Braden.

Proposition for Sampler in the Northwest.

Letter read from the Ex. Com., regarding prices paid the Colorado Zinc Co. for its product, the Zinc Co. claiming that they should have a better price. The Chief Clerk reported that this communication had been referred to Gen'l Ore Pur. Agent Lyne, and his report to the Committee was then read, from which it would appear that the material is not a desirable product at the present time, and also that about a year ago prices which the Zinc Co. now desire were offered them for contract, but were declined. As the prices at which we are taking this material are the regular schedule rates given to all other shippers, it was the opinion of the members present that no change should be made in the prices at which we are now taking this material.

Prices paid Zinc Co. product. Better rates declined.

Letter read from Sup't Eakins, of the Phila. Plant, stating that he had been requested by the Mary McKinney Mine, of Cripple Creek, to crush entire lots of all their future shipments, desiring to know if he should do it, stating that it would be almost impossible for him to do this in connection with other Cripple Creek ores that he is now obliged to crush. It was the sense of the meeting that an effort should be made to have the Mary McKinney people rescind their instructions, and the matter was referred to Mr. Eilers to take up with the proper parties.

Question of crushing M. McKinney ore.

Letter read from Ex. Com., stating that the Omaha Plant was receiving silicious ores from the Deadwood district in excess of their requirements, and asking if some of this can be used to advantage at the Colorado Plants. On account of the low margins at which we should be obliged to treat this material, it was the sense of the meeting that it was not desirable to receive same. The matter, however, was referred to the Gen'l Ore Pur. Agent for investigation.

Deadwood silicious ore cannot be handled at Colo. acct low treat. margins.

Letter from Ex. Com., in which it was noted that this Committee had decided to allow certain refinery supplies to remain at the Globe Plant, the value of same being about \$7,000, and asking the reason for not having this material transferred to another Plant. The Chairman stated that this Committee was given the impression by three visiting members of the Ex. Com. recently that it was desirable to keep this material at the Globe Plant in case they should again resume operations at the refinery.

Refinery supplies at Globe; question of transfer of same.

Usual weekly construction letter from the Globe Plant, under date of Feb. 24th, read and ordered filed.

Communication read from the Traffic Dept in reference to certain changes in the demurrage arrangements at the Grant Plant, requesting the superintendents at that Plant be advised accordingly.

Demurrage at Grant Plant.

Communication read from Manager MacLean, of the Durango Plant, submitting contract with the Tomboy Gold Mine Co., which had been signed and approved by the Mining Co. In this letter mention was made of the fact that the supplementary agreement in reference to lead price for the year 1902 had not yet been signed. It was the sense of the meeting that the contract should not be signed by this Company until the lead agreement has been agreed to by the Mining Co.

Tomboy contract approved by Mg Co., but declined by Committee until lead agreement is received.

Communication read from President Nicholson, of the Auric Mg Co., giving notice that on and after March 15th, his Company would insist upon settlements for lead in accordance with the contract now in effect, which provides for the N. Y. sales price, less 12 1/2¢ per cwt, his Company to stand its proportion of loss as a result in exporting. The Chief Clerk was instructed to forward the communication to the Ex. Com.

Lead settlements of Auric contract, Mg Co. to stand its share of export loss.

Requisition #23, of the Phila. Plant, covering additional flue space at the copper works; estimated cost \$1800, was submitted and approved.

Phila. Req #23; flue space.

No further business appearing, the meeting adjourned.

Edwin Anderson

Chief Clerk,
Western Executive Committee.

No quorum being present, there was no meeting on February 27th, '02.

Chief Clerk,
Western Executive Committee.

The regular daily meeting of the West. Ex. Com. was called to order Thursday, March 6th, '02. There were present, Messrs. Sheedy, Guiterman and Eilers: Mr. Sheedy being in the Chair. The minutes of the previous meeting were read and approved.

Monthly letters from the Pueblo and Grant Plants, covering operations for February, were submitted. Report from the Grant Plant was ordered filed, and that from the Pueblo Plant was referred to Mr. Guiterman to report regarding re-placing of #2 blast furnace at that Plant.

Mo. Letters
Pueblo &
Grant; Re-
placing #2
blast Furn.
Pueblo.

Letter read from Ex. Com., approving recommendations of this Committee that the Coeur d'Alene Development Co. be required to adjust the balance of \$497.17, account 1900 lead agreement. Referred to Mr. Lyne, with instructions to have the claim adjusted.

Claim acct
1900 lead
quot. upon
Coeur d'A.
Dev. Co.

Communication from Pur. Agent McGowan as to who should place orders with the American Bridge Co. Statement made by him that eastern agents of this company could quote lower prices than their western representatives. Referred to Mr. Guiterman.

Question of
placing
orders with
Am. Bridge
Co.

Letter read from Ex. Com. regarding absorptions in furnaces at the Mingo Plant, the estimated value of these absorptions at that Plant being \$18,000; the advisability of taking down these furnaces and converting this stock into cash referred to this Committee. Communication referred to Mr. Eilers.

Mingo ab-
sorptions;
question of
converting
stock into
cash.

Letter from the Traffic Dept, stating that Manager Bancroft, of the O. S. L., advises that when the Murray Plant is ready to commence operations they will be prepared to furnish ample storage tracks.

O.S.L. stor-
age Murray;
Plant.

Certain correspondence submitted passing between the Traffic Dept and the D. & R. G. R.R. Co., relative to a claim of the A. V. Plant, amounting to \$26.20, account an engine toppling over on some briquettes at that Plant due to the breaking of a rail which was too light for the engine. The railroad company requesting that the bill be withdrawn. It was the sense of the meeting that the Traffic Dept should insist upon the payment of this bill as the railroad company's attention had been repeatedly called to the bad condition of the track at that Plant.

A.V. claim
upon D&RG
acct break-
ing of bri-
quettes.

Reports from Dr.'s Lemen, at the Globe & Grant Plants; Black, at the Phila.; Dorland, at the Pueblo; and Haggart at the Durango Plant; showing number of employees attended during the month of February, submitted, and ordered filed.

Weekly construction letter from the Murray Plant/ under date of March 3rd, submitted, and referred to Mr. Eilers.

Letter from Manager Page, at Omaha, advising that Assayer Lippincott, mention of whom was made in previous minutes, had been placed at the Perth Amboy Plant.

Construction letter, under date of March 4th, submitted from A.V. Plant. Ordered filed.

Communication read from Traffic Manager, stating that he was opposed to the scheme of tramming limerock from a certain quarry in Utah down to the O. S. L. cars. Referred to Messrs. Eilers and Guiterman.

Tramming
Utah limerock to
O.S.L. cars

Request read from the Committee of Safety, of Denver, asking for subscription to carry on their work. Referred to Mr. Eilers to investigate as to its usefulness.

Letters read from Chemists Kerr of the Pueblo Plant, and Febles of the Eilers Plant, requesting that their salaries be increased to \$150 per month, in accordance with conversations with certain members of the West. Ex. Com. Referred to Mr. Guiterman to report.

Salaries of
Chemists
Kerr & Febles increased.

Letter read from Manager Jones, asking permission to sell three engines, one Dodge crusher, and a Boyd Ore Press and Mixer, this machinery being at the Mingo Plant. It was the sense of the meeting that all of this machinery should be sold, with the exception of one 200 H. P. Corliss engine, which was required at the Durango Plant.

Mingo
machinery
sold.

as Communication received from Ex. Com., suggesting that we are now receiving Huanchaca ores, that the Juarez shipments should be discontinued. It was the opinion of the members present that we should continue to receive Juarez ore at the Colorado plants, on account of the scarcity of desirable sulphides, as it was believed that both of these ores could be handled to advantage at the Colorado plants for some time to come. These ores being very desirable, and can be handled at a good profit.


Juarez &
Huanchaca
ships to
be continued.
acc't
scarcity of
sulphides.

Letter was also read from the Ex. Com., in reference to lead receipts for the month of February. Referred to Mr. Eilers.

Feb. lead
receipts.

Copy of letter from the Auditor to the Ex. Com. submitted, showing expenses at closed plants for the month of January. Referred to Mr. Guiterman.

No further business appearing, the meeting adjourned.


Chief Clerk,
Western Executive Committee.

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The regular daily meeting of the West. Ex. Com. was called to order Monday, March 10th, '02. There were present, Messrs. Sheedy, Eilers, and Guiterman: Mr. Sheedy being in the Chair. The minutes of the previous meeting were read and approved.

Reports from all plants, except the Phila., were submitted, indicating that their fire apparatus were in good condition under date of March 1st.

Following communications were received:-

- (1) Mr. E. B. Braden, stating Empire State people declined to entertain second claim of \$519.86, as submitted by the East Helena Plant, claiming last adjustment made with that Plant included everything. Mr. Braden stated he would endeavor to have the matter submitted to Mr. Sweeny: Communication laid over until Mr. Sweeny could be heard from. Empire State 2nd claim; referred to Sweeny.
- (2) Mr. Eakins, of the Phila. Plant, complaining of the quality of Redstone coke that he is now receiving: Referred to Mr. Eilers to take up with the Fuel Co. Quality of coke at Phila.
- (3) Ex. Com., advising that employees at the Union Plant, at Leadville, were properly covered by Employers Liability & Workmens Collective Policy: Chief Clerk instructed to notify Mr. Rodman. Union Plant covered by Ins. Policy
- (4) Ex. Com., requesting full information as to expected sources of ore supplies for the two Utah plants when the Murray Plant is completed; this information to include the name of producer, tonnage, and net profit on ore. Chief Clerk instructed to forward a copy of this letter to Mr. Newhouse, who is expected to reach Salt Lake in a few days, with request that he secure the desired information. Source of ore supply for Utah Plants.
- (5) Mr. Stettenheim, stating that Insurance Policy for \$1500, covering patterns at the foundry of J. S. Clark, Denver, Colo., would expire this month, and asking if it should be renewed. In this connection, he stated that these patterns belonged to the Pueblo Plant. The Committee believed this was an error, and the Chief Clerk was instructed to investigate the matter, and ascertain to what plant these patterns belonged. Policy on Patterns at Clark's Foundry to be renewed; property of Globe.
- (6) Ex. Com., asking when requisitions would be forwarded for contemplated improvements at the A. V. and Durango Plants, and the estimated date of completion from date of requisition. Mr. Guiterman stated that detailed estimates for these improvements had been sent the Ex. Com. several days ago, but that no estimated date for completion of work had been given: Referred to Mr. Guiterman to furnish the required information. Requisition for improvements at AV & Durango requested.
- (7) Ex. Com., calling attention to the importance of inserting a tonnage clause in all contracts, stating recent contract had been executed by the East Helena Plant which did not contain such clause. Chief Clerk instructed to refer this letter to Messrs. Newhouse & Lyne for their information and guidance. Insertion of tonnage clause in all contracts.

(8) Ex. Com., in reference to the effect that copper has on margins, for which no payment is made, when price of copper decreases. Chief Clerk instructed to furnish Mr. Newhouse and Mgr Jones with a copy of this letter.

No Pay
Copper
effect on
margins.

(9) Ex. Com., in reference to second hand machinery, requesting in future when any machinery is taken out of use no value be placed upon it if put in stock. In this letter a list of such machinery was given as being carried upon the books at the Phila. Plant, and requesting by whose authority this was done: Referred to Mr. Eilers.

Value on
2nd-hand
machinery

(10) In connection with the Ophir Hill Con. Mg Co. contract, Mr. Guiterman reported that it had been decided to hold this contract until Mr. Newhouse returned, as it was believed advisable to do so before taking action on it.

Ophir
Hill con-
tract
held.

Letter received from Ex. Com., advising that Mr. Raht had tendered his resignation, effective 60 days from Feb. 24th, and that same had been accepted. In this connection, the Committee, in view of Mr. Raht's resignation, did not deem it advisable that Mr. Rhodes should be absent from the works for so long a time as was originally contemplated in granting him leave of absence to go east for his family. It was thought that he should be able to make all necessary arrangements by giving him two weeks' vacation. Chief Clerk instructed to notify Mr. Rhodes in accordance with the suggestions as contained in this letter.

Resigna-
tion of
Raht &
Rhodes'
vacation.

Telegram read from Ex. Com., in reference to a telegram received by them from Mr. Rhodes, as to whether he should live at the plant or at Salt Lake City, stating that the Ex. Com. had no objections to his residing in Salt Lake City, Chief Clerk instructed to notify Mr. Rhodes that as far as they were concerned, he might reside at Salt Lake City, if he so desired.

Residence
of Rhodes

Mr. Guiterman submitted report to the Committee in reference to rebuilding blast furnace #2 at the Pueblo Plant, in accordance with instructions as per previous minutes. This report recommended the tearing down of the furnace completely, and replacing it by a furnace of similar pattern to furnace #1 as soon as the latter is in operation. Report was approved by the Committee, and ordered forwarded to the Ex. Com.

Rebldg
Blast Fce
#2 at
Pueblo
Plant.

No further business appearing, the meeting adjourned.

Edwin Anderson

Chief Clerk,
Western Executive Committee.

No quorum being present, there was no meeting held on March 11th, '02.

Edwin Anderson

Chief Clerk,
Western Executive Committee.

The regular daily meeting of the West. Ex. Com. was called to order Monday, March 17th, '02. There were present, Messrs. Sheedy, Grant, Guiterman and Eilers: Mr. Grant being in the Chair. The minutes of the previous meeting were read and approved.

Following communications submitted:-

- | | | |
|-----|---|--|
| (1) | Copy of report submitted to Ex. Com., covering financial operations for the month of February at the Durango Plant: Ordered filed. | Durango
Feb. operations. |
| (2) | Mr. A. Eilers, calling attention to the increased percentage of coal used at the Eilers Plant in roasting operations during January, and in reference to a discrepancy between the daily reports and the Auditor's figures: Referred to Mr. K. Eilers. | Coal percentage & Eilers Plant in Jan. |
| (3) | Ex. Com., enclosing reports as made by fire inspectors Rau on the Globe and Grant Plants, and requesting estimates for cost of making changes as indicated in these reports: Referred to Mr. Eilers. | Fire Inspector's report at Globe & Grant; estimates for changes. |
| (4) | Ex. Com., asking if the services of Chemist Butler, who was until recently employed at the Perth Amboy Plant, could be used by this Committee: Mr. Eilers stated that he believed that he could be used if competent, and the matter was referred to him. | Employment for Chemist Butler. |
| (5) | Ex. Com., approving recommendations as to rebuilding blast furnace #2 at the Pueblo Plant, and asking that proper requisition be submitted. | Rebuilding Blast #2 at Pueblo Plant. |
| (6) | Auditor Stewart, in reference to changing off legal expenses account of the Phila., Eilers, and Pueblo Plants, stating that those Plants in the past have been charging off these retainer fees in a lump sum once a year, and suggesting that in future they be charged off monthly. It was the sense of the meeting that these bills should be charged off monthly. | Charging off legal expenses once per month. |
| (7) | Ex. Com., directing that Mr. Marsh be sent to East Helena immediately to remain there at least thirty days or longer if necessary in an advisory capacity, and defining Mr. Marsh's position at that Plant. | Marsh sent to East Helena. |
| (8) | Ex. Com., in reference to report submitted by Mr. K. Eilers regarding uniformity in warehouse accounts at the various plants, desiring recommendations of this Committee as to the advisability of employing a warehouse clerk at the Grant Plant, or discontinuing store keepers at the other plants. It was the opinion of the meeting that the warehouse accounts at the various plants should be continued as they have been in the past, and that no change be made in this direction at the present time. | Warehouse accounts & storekeepers. |
| (9) | Mr. Stettenheim, advising that certain policy for \$2,000 covering patterns in Pueblo would expire April 1st, and desiring to know if these patterns were still there, and if this Committee desired them | Policy on patterns at Pueblo. |

insured. Chief Clerk instructed to take up the matter with the Pueblo Plants, and ascertain the location of their patterns and values.

- (10) Ex. Com., calling attention to the heavy silver losses at the A. V. Plant during the month of Feb'y as indicated in telegraphic report of operations at that Plant for that month; also letter from Ex. Com., calling attention to the metallurgical results at the Germania Plant for the four months ending Jan'y 31st, 1902, as compared with the same period 1901. After discussing the matter, the communication in reference to the A. V. Plant was referred to Mr. Eilers, and that in regard to the Germania Plant to Mr. Guiterman, with request to look into on his trip to Utah. A V silver losses in February. Germania met. result 4 months ending 1/31 '02, compared to same period '01.
- (11) Mr. A. Eilers, in reference to skimming bullion at the Globe Plant, submitted three propositions for same, and asking for report and estimated cost of same. In this connection report was read from Mr. Guiterman, and also from Mr. K. Eilers in reference to the absolute necessity of continuing to skim bullion at the Plants. Mr. Guiterman stated that he expected within a few days to submit plans and detailed estimates for skimming bullion more advantageously at the Globe Plant. Reports as submitted by Messrs. Guiterman & Eilers were approved, and ordered forwarded to Ex. Com. Skimming Bullion at Globe. Reports by K. E. & F. G.
- (12) United Zinc & Chemical Co., requesting authority to assign bills of lading to themselves, covering shipments intended for their plant, but which by special arrangement are consigned to the Con. K. C. S. & R. Co. Request declined, and Chief Clerk instructed to notify them to take the matter up with Manager Page, at Omaha, who, no doubt, would arrange to properly assign these documents. Ship'ts to United Z & C Co., consigned to K.C.Co., request to assign B/L declined.
- (13) Circular Letter #42 from Ex. Com., requesting that any new forms or changes in forms for use at any of the plants or offices be first submitted to the auditing department for approval.
- (14) Ex. Com., suggesting that the East Helena Plant on account of the high price that they are now paying for their iron, be supplied with Wyoming iron from the C. F. & I. Co. Referred to Mr. Newhouse. Wyoming CF&I Co iron for East Helena.
- (15) Auditor Stewart, in reference to basis of arriving at cost per ton for sampling, stating present practice has been to include cost of sampling by-products, etc. in this figure. It was the sense of the meeting that no change be made in the present method of arriving at the cost of sampling. Basis of sampling cost
- (16) Pueblo Plant requisition #17, covering rebuilding blast furnace #2, estimated cost \$5,000, was submitted, and ordered forwarded to the Ex. Com. for their approval. Req for reblgd #2 blast at Pueblo Plant
- (17) Ex. Com., in reference to giving the First National Bank, at Pueblo, the banking business of the zinc plant, stating that it would be satisfactory to them to allow this bank to have the business while the plant was being constructed, but that after completion of the plant the arrangement will be subject to change. It was the sense of the meeting that the arrangement as outlined in this communication would be satisfactory to this Committee. Banking business for zinc plant.

(18) Ex. Com., in reference to authority of this Committee in constructing new zinc plant. This letter gives this Committee full authority to push the construction of this plant without any "red Tape" whatever, all plans, however, to receive the approval of Mr. Schulte.

Authority
in con-
structing
zinc plant

Mr. Guiterman submitted report regarding recent accident to an engine and train of dump cars at the A.V. Plant. Report as submitted was approved, and copy was ordered forwarded to the Ex. Com. for their information.

Accident
at AV to
engine &
dump cars

No further business appearing, the meeting adjourned.

Edwin Hudson

Chief Clerk,
Western Executive Committee.

The regular daily meeting of the West. Ex. Com. was called to order Monday, March 24th, '02. There were present, Messrs. Sheedy, Grant, Newhouse and Eilers: Mr. Sheedy being in the Chair. The minutes of the previous meeting were read and approved.

Dr. Lemen appeared before the meeting, and submitted a proposition in detail for re-organizing the present Liability & Workmens Collective Insurance system, being based upon this Company carrying its own risks. The matter was laid over in order that individual members might familiarize themselves with the report.

Proposition by Dr. Lemen to re-organize Insurance system

Report submitted from Metallurgist Mentzel, at the Durango Plant, giving results of operations under changed conditions, as recommended by this Committee. From this report it would appear that these changes were not a success. In this connection a letter was read from Mr. A. Eilers, desiring an explanation of metallurgical operations at the Durango Plant, as indicated by the daily reports this month. Both communications were referred to Mr. K. Eilers.

Durango operations under changed conditions; Explanation desired by Mr. A. E.

Communication read from Mr. Stettenheim, noting that boilers were in operation at the Union Plant, and stating that insurance upon these boilers had been cancelled some time ago, and desiring to know if the Committee wish them insured. It was the sense of the meeting that insurance should be placed upon these boilers, and the Chief Clerk was instructed to write Mr. Rodman, and ascertain for how long a period insurance should be carried.

Insurance on Union boilers to be renewed

Pueblo Plant requisition #17, covering blast furnace #2, reported duly approved by the Ex. Com., also a letter from the Ex. Com., advising that Durango Power Plant requisition #13, and A. V. #17 and 18, covering improvements at the power plant, and new sulphide mill, had been approved, and that requisitions would be returned later.

Requisition approved Durango Power Plant & A.V. Power Plant & new sulphide mill.

Letter from Ex. Com., enclosing complaint from the Frankfort Ins. Co., against Dr. Jeanotte, of the A.V. Plant, stating that he was not giving employees at that Plant proper attention. The Chief Clerk was instructed to take the matter up with Gen'l Agent Rodman, and ascertain the nature of these complaints.

Complaint by Ins. Co. against Dr. Jeanotte at A. V.

Letter read from Manager Jones, enclosing resignation of Sup't Tucker at the Germania Plant, effective June 1st. The Chief Clerk was instructed to acknowledge receipt of this communication to Mr. Jones, and to advise him that the resignation had been accepted by this Committee.

Resignation of Sup't Tucker accepted.

Communication from Ex. Com., approving of this Committee's recommendation to dismantle the Bi-Metallic Plant.

Following requisitions, covering current repairs for the month of February, were submitted from the following Plants:- Grant #9; Germania #12; Pueblo #16; Durango #12; Globe #17; A. V. #16; Eilers #13; Phila. #24. These were approved, and ordered forwarded to the Ex. Com.

Req.'s for Feb. repairs approved.

Several communications from the Ex. Com., in reference to changes in margins in ores smelted and purchased for the months of Jan. and Feb. Referred to Mr. Newhouse.

Jan. & Feb. margins on ore smelted

Usual weekly letters from all plants under date of March 17th, reporting their fire apparatus to be in good condition on that date: Filed.

Ex. Com., suggesting advisability of investigating the possibility of this Company obtaining cheaper iron for the Utah plants, either by leasing or purchasing some property: Referred to Mr. Newhouse.

Cheaper iron for Utah plants

Ex. Com., in reference to excessive cost of sampling and loading bullion at the Phila. Plant, and roasting labor at the Pueblo Plant for the month of Jan., also increase of matte stocks at the A. V. Plant for Feb. Referred to Mr. Eilers.

Excessive cost of handling bullion at Pueblo; A V matte stock

Sup't Howard, at the Pueblo Plant, explaining his high sulphur results at that Plant from his Brown-O'Hara roaster, stating that this was attributable to bad conditions of roaster. As this report was in reply to a letter from the Ex. Com., the Chief Clerk was instructed to forward a copy of same to the Ex. Com. for their information.

Sulphur results at Brown-O'H. roaster at Pueblo.

In reference to Mr. Stettenheim's communication, relative to \$2000 insurance carried on patterns at Pueblo, the Chief Clerk reported these patterns were the property of the Pueblo Plant. It was the sense of the meeting that this insurance should be continued.

Insurance on Pueblo patterns.

Report was submitted by Mr. Guiterman, to which were attached letters from Engineer Baker in reply to certain criticisms as made by Chief Engineer Robinson in a recent letter to this Committee, regarding certain construction matters at Durango and Leadville. No action was taken on the report, as it was understood by the Committee that Mr. Robinson's criticisms were not forwarded to the Ex. Com.

Criticisms on Durango construction by Chief Engineer.

No further business appearing, the meeting adjourned.

Edwin Anderson

Chief Clerk,
Western Executive Committee.

The regular daily meeting of the West. Ex. Com. was called to order Tuesday, April 1st, '02. There were present, Messrs. Grant, Sheedy, Guiterman, Newhouse and Eilers: Mr. Grant being in the Chair. The minutes of the previous meeting were read and approved.

Communication read from the Insurance Dept, advising that \$2000 insurance had been placed on patterns belonging to the Phila. Plant.

Insurance
on Phila.
patterns.

Copy of report as submitted to the Ex. Com. by Mr. Eilers, relative to the effect of manganese and arsenic in the charge upon the matte-fall. Ordered filed.

Mn & As on
matte-fall.

Also copy of report was submitted as made by Mr. Josef Schulte to the Directors of the U. S. Zinc Co., showing progress and what was accomplished during his recent visit. As the original of this report had been forwarded to the Ex. Com. by Mr. Eilers, the copy was ordered filed.

Progress
at Zinc
Plant.

Mr. Eilers submitted report to the Ex. Com., which he had made per request of Mr. A. Eilers, showing metal losses and gains as a result of roasting and smelting Huanchacca ore. While the results as indicated in this report were considered of doubtful value by the Committee, it was ordered forwarded to the Ex. Com., for their information.

Losses &
gains on
Huanchacca
ore.

Mr. Guiterman submitted estimates in detail, showing cost of a proposed scheme for more economically handling and skimming bullion at the Globe Plant. Mr. Guiterman was instructed to have requisition made up along these lines, and submit it to the Committee for approval.

Scheme for
handling &
skimming
bullion;
requisition
ordered
made.

No further business appearing, the meeting adjourned.

Edwin Anderson

Chief Clerk,
Western Executive Committee.

The regular daily meeting of the West. Ex. Com. was called to order Wednesday, April 2nd, '02. There were present, Messrs. Grant, Sheedy, Newhouse, Guiterman and Eilers; and Mr. Simon Guggenheim, of the Ex. Com.: Mr. Sheedy being in the Chair. The minutes of the previous meeting were read and approved.

Usual weekly construction report submitted from Sup't at the Murray Plant: Referred to Mr. Guiterman.

Monthly report of operations for March submitted by Sup't at the Globe and Grant Plants: Ordered filed.

Report submitted by Sup't Alexander, regarding operations of the bricking press at the Globe Plant, making certain recommendations for better handling of the product: Referred to Mr. Guiterman.

Recommendations by Sup't Globe for better handling of bricking press product.

Contract with the Grand Gulch Mg Co., in the Utah district, submitted for approval; period of contract six months. Upon motion made and carried, the contract was duly approved.

Contract with Grand Gulch Mg Co approved.

Mr. Eilers reported that he had seen Gen'l Agent Brooks, of the Frankfort Ins. Co., relative to complaint made against Dr. Jeanotte, at the A. V. Plant. Mr. Brooks requested that no further action be taken in the matter, as he had had a talk with Dr. Jeanotte, who had promised that there would be no cause for complaints in future.

Further action in re complain against Dr. Jeanotte deferred.

No further business appearing, the meeting adjourned.

C. L. W. Anderson

Chief Clerk,
Western Executive Committee.

The regular daily meeting of the West. Ex. Com. was called to order Monday, April 7th, '02. There were present, Messrs. Sheedy, Grant, Newhouse, Guiterman and Eilers, and Mr. Simon Guggenheim, of the Ex. Com.: Mr. Sheedy being in the Chair. The minutes of the previous meeting were read and approved.

Reports submitted by Dr. Lemen for the Globe and Grant Plants, and Dr. Haggart for the Durango Plant for the month of March: Ordered filed.

All Plants under date of March 31st reported their fire apparatus in good condition.

Eilers Plant requisition #14, for sewer extension through slag dump to a connection with the city sewer, submitted; estimated cost \$980: Requisition approved. Eilers Rec #14; Sewer extension.

Letter from Manager Jones, enclosing proposition as submitted by Att'y Bradley, at Salt Lake, agreeing to accept \$4000 in full payment for all legal services rendered this Company up to July 1st, '02, and to perform all legal services required of him, except going into court, for a retainer of \$500 per annum. It was the sense of the meeting that this proposition of Mr. Bradley be accepted. Payment for Legal service Salt Lake.

Following communications received from Ex. Com.-

(1) Enclosing recommendations from Sup't Rhodes, of the National Plant, relative to paying employes a bonus if they remained with the Company during the summer months; these recommendations meeting with the approval of the Ex. Com., and suggesting their application to certain Plants under the jurisdiction of the West. Ex. Com., where difficulty is experienced in securing labor. No action taken, to permit the members of the Committee to familiarize themselves with the recommendations. Bonus to employes during summer. to assure labor.

(2) Calling attention to discrepancies in amounts requested in requisitions and the amounts actually expended for same; mention being made of several specific cases. Chief Clerk instructed to take the matter up with the superintendents submitting these estimates in which discrepancies occurred as mentioned by the Ex. Com. Discrepancies in requisitions & amounts actually expended.

(3) Advising that in their opinion taxes for account the American Plant at Leadville should be charged to the A. V. Plant, and asking if this met with the approval of this Committee. The Committee approved of this decision. American Plant taxes charged to AV account

(4) Suggesting certain changes in plan as outlined in Eilers Plant requisition #11 (addition to dressing plant): Referred to Mr. Guiterman. Changes in Eilers Plant dressing plans.

Mr. Sheedy called attention to the poor service that is being given by the C.F. & I. Co., both as to quality and delivery of coke. After discussing the matter, motion was made and carried that the Chief Clerk communicate with President Kebler, and request that the Fuel Co. submit in writing what this Company can actually count upon in the way of deliveries, and also the quality of fuel, in order that we may govern ourselves accordingly. Quality & delivery of coke to CF&I Co., &

Mr. Guggenheim submitted an agreement for contracts made with Mr. S. D. Nicholson, representing the A. M. W., Midas, N. R. & M., and A. Y. & Minnie Mines; this agreement providing for ten years contracts for the output of all the above properties, effective April 10th, '02. The agreement as submitted was approved by the Committee.

Agreement with S. D. Nicholson for ten year contracts.

Communication was read from Taylor & Brunton, Aspen, suggesting that, in view of the fact that it is possible that the Molly Gibson and A. J. properties would soon pull their pumps, thereby practically flooding all the deep mine propositions in that camp, this Company make contribution to continue pumping operations in the way of reducing treatment charges on concentrates. After discussing the matter, Mr. Newhouse was instructed to compile data showing margins and present output of this material, and the Chief Clerk was instructed to notify T. & H. that the Committee would be pleased to have a conference with the parties most interested in this matter on April 21st, '02, when the matter could be thoroughly discussed.

Company requested by T & B to contribute to pumping at A J & Gibson properties

Mr. Guggenheim stated that it was the wish of the Ex. Com. that long time contracts should be made with the Utah miners, and stating that it was the intention of himself and Mr. Newhouse to leave for Salt Lake City, and desiring the authority of this Committee to make such long time contracts on the basis of best terms obtainable. It was the sense of the meeting that this authority be given these gentlemen as outlined above.

Long time contracts with Utah miners to be made.

Mr. Sheedy announced his intention of leaving for New York to-day, to be absent about ten days.

No further business appearing, the meeting adjourned.

Edwin Anderson

Chief Clerk,
Western Executive Committee.

The regular daily meeting of the West. Ex. Com. was called to order Friday, April 11th, '02.. There were present, Messrs. Grant, Guiterman & Eilers: Mr. Grant being in the Chair. The minutes of the previous meeting were read and approved.

Letter from the superintendent at the Eilers Plant, asking if permission should be granted the Sisters of Charity to solicit subscriptions for St. Vincent's Orphanage at Denver, which was recently burned, such subscriptions to be deducted from payrolls. It was the sense of the meeting that exception should be made in this case, and permission granted.

Permission granted to solicit for St. Vincent Orphanage, Denver, at Eilers Plant.

Explanations submitted relative to increase in demurrage charges during March by superintendents at the Phila. Pueblo, Grant & A. V. Plants; these explanations being in accordance with request of the Committee as per mention made in previous minutes.

Increased demurrage explained.

Letter from Manager Jones to Mr. Stettenheim, passing through this committee, was noted, from which it would appear that Workmens Collective Policy had been put into effect at the Murray Plant last February, without the knowledge of this Committee or Mr. Jones, and as a result collections had not been made for account of this Policy for two months. The Chief Clerk was instructed to refer the communication to the Ex. Com. for their information before delivery to Mr. Stettenheim.

Workmens Collective Policy at Murray applied unknown to Com. or Mr. Jones.

Letter from Sup't Howard, Pueblo Plant, explaining the reason why costs exceeded estimates in re-building Brown-O'Hara roaster, and also the viaduct over the Mo. Pac. tracks at his plant. Explanation ordered forwarded to the Ex. Com. for their information.

Cost of re-building Brown 10'H Roaster at Pueblo explained.

Contract submitted with the Elkton Con. M. & M. Co., in the Cripple Creek district, for a period of three years. Contract was approved by the Committee.

Elkton contract approved.

Following communications submitted from the Ex. Com.:-

(1) Advisability of transferring the White Mineral Press, at the Eilers Plant, to the El Paso Plant, and replacing same with a Mould Press: Referred to Mr. Eilers.

Transfer of White Press: Eilers to El P.

(2) Advising the approval of Globe Plant requisition #18, (bullion re-melting plant) was withheld awaiting reply to certain propositions as submitted by Mr. A. Eilers for doing this work: Referred to Mr. Guiterman.

Globe req. #18 held.

(3) Relative to the Wefugo Water Purifying System at the Phila. Plant, suggesting that the value of the System be determined: Referred to Mr. Guiterman.

Statement of value of Wefugo system desired

(4) Desiring further information regarding making test lead and litharge free from bismuth at Pueblo Plant: Referred to Mr. Guiterman.

Test Pb & litharge Pueblo

Copy of letter to the Ins. Dept, approving the action of this Committee in making settlement with John Barry, who was injured at the Phila. Plant.

Barry settlement approved.

Report submitted by Mr. K. Eilers regarding recent roasting operations conducted at Colorado City on some zinc concentrates account of the U. S. Zinc Co. To this report was attached a report as submitted by Mr. Hoyt, showing results in detail: Reports were approved, and ordered forwarded to the Ex. Com. Reports on zinc tests at Colorado City.

No further business appearing, the meeting adjourned.

Edwin Anderson

Chief Clerk,
Western Executive Committee.

The regular daily meeting of the West. Ex. Com. was called to order Monday, May 5th, '02. There were present, Messrs. Sheedy, Grant, Guiterman & Eilers: Mr. Sheedy being in the Chair. The minutes of the previous meeting were read and approved.

Pueblo Plant requisition #18, and Eilers Plant requisition #15, account improvements for better fire protection as recommended by Inspector Rau, submitted and approved.

Req's for Pueblo & Eilers fire protection

Monthly reports read from Pueblo, Germania, Grant, Eilers & Globe Plants, covering April operations.

A. V. Plant requisition #19 for six hand roasters, and replacing four small blast furnaces with three large ones, submitted; estimated cost of roasters \$35,000; blast furnaces \$40,000: Approved and ordered forwarded to the Ex. Com.

A V req for roasters & blast furnaces; cost

Manager Jones submitted offer from the Utah Light & Power Co. for two 200 H P Westinghouse Induction Motors, amount being \$5500 for both, in place at Mingo Plant. Referred to Mr. Guiterman, with the understanding that if the motors could not be used to advantage by this Company, Manager Jones be advised to accept the bid.

Offer for Mingo motors by Utah L & P Co.

Reports submitted by Dr. Haggart, Durango Plant, and Dr. Dorland, Pueblo Plant, for April.

Letter from Manager Jones, desiring to know if he had authority to sell the buildings of the Mingo Plant after the machinery and supplies had been removed. Authority was given him to sell these buildings, and any other material of minor value.

Disposition of Mingo buildings.

Letter from Manager MacLean, advising that the coal miners in his section had struck, but stating that he had sufficient stock of fuel on hand to run the Plant for four weeks, and would advise promptly in case it was necessary to obtain fuel from other sources.

Coal miners' strike at Durango.

Letter from Manager Jones, advising that Stebbins, the employee injured at the Murray Plant some time ago, had begun suit, and that he had been unable so far to effect settlement.

Stebbins' case; suit begun.

Letter from Stearns-Rogers, recommending that no action be taken by this Company for compromising Brown's suit until the full text of the higher court's decision has been printed. Regarding refund of royalty paid at the time of construction, stated this was a matter for Pearce to say, and that he would refer the matter to him if we so desired. Requested to submit to Pearce.

Action in Brown suit deferred until higher court's full text published.

Following Communications submitted from the Ex. Com.:-

(1) Directing that the Murray Plant be run full if ore could be obtained in Utah in preference to running Colorado plants full. Will advise later regarding running Colorado plants full.

Running Murray Plant full. Colo. Plant considered later.

(2) Enclosing bill from Wolcott, Vaile & Waterman, amounting to \$1257.70, being six months' retainer and certain other small debits, and suggesting that in future bills from these parties should be rendered to and audited by this Committee. Bill as submitted was approved.

17
W V & W
retainer
bill to be
settled in
Denver off
ice in
future.

(3) Relative to dismantling the Standard, Bi-Metallic, Mingo & Hanauer Plants, desiring that these Plants be dismantled as soon as possible, to do away with the fixed expenses. The Chairman stated that this matter was having the attention of the Committee, and that every effort was being made to dismantle these plants as promptly as possible without loss to the Company.

Dismantl
various
Plants.

(4) Circular Letter #47, suggesting that taxes be paid promptly when due.

(5) Advisability of purchasing part of our supplies required in Salt Lake from the Zion Co-operative Merc. Inst. Communication referred to Mr. Newhouse, who is now at Salt Lake, to look into, and report his recommendations.

Part Utah
supplies
to be had
from Zion
Merc. Co.

(6) Desiring report as to the labor situation in Colorado and Utah. Chief Clerk instructed to inform the Committee that from reports received from a special agent, there was no disaffection among labor at any of our plants in Colorado; also that a report would be requested from Manager Jones as to the situation in Utah.

Labor situ
ation in
Colo. &
Utah.

(7) Whether diversions of lead from E. Helena will result in a larger production of lead at Colorado plants, sufficient to make up to the National Plant its loss of bullion from E. Helena. It was the opinion of the Committee that if the Ex. Com. desired the Colorado plants should run a heavier lead charge, that these E. Helena diversions could be smelted, and the required tonnage of bullion produced.

Result of
lead pro-
duction
account E.
Helena di-
versions.

(8) Desiring reports showing amount of additional lead production at Colorado plants excluding E. Helena diversions as a result of recent contracts and agreements to accept lead ores. It was the opinion of the members present that on account of the plants having drawn from their stock during the last couple of months, very little additional lead would be produced.

Reports of
lead pro-
duction in
Colo. de-
sired.

Letter from Mr. A. Eilers, requesting that report be submitted by the Engineering Dept for improving the power plant at the Eilers Plant, claiming immediate action is necessary on account of the over-strained conditions at that Plant. Chief Clerk was instructed to advise the Committee that it would be impossible to spare Mr. Martin's services, who at present is engaged on important work for the zinc plant, without serious detriment to work in hand. As soon as he was through with this work, however, he would be instructed to take up the Eilers Plant matter.

Report de-
sired on
Eilers Pla
power plan

Mr. Guiterman submitted estimates as made by the architect for building office building, mess house, superintendent's residence and barn at the zinc plant; these estimates being based upon wooden structures. The architect stated that for 20% additional brick buildings could be substituted, which would be much more satisfactory all around, and by using brick the estimated cost of the above buildings would be about \$15,000. It was the sense of the meeting that brick should be used instead of wood, and Messrs. Guiterman & Eilers were authorized to proceed accordingly.

Estimates
for variou
buildings
at zinc
plant.
Bldgs to b
of brick.

Mr. Eilers submitted verbal report of his visit to Pueblo; after which, no further business appearing, the meeting adjourned.

Edwin Anderson
Chief Clerk,
Western Executive Committee.

The regular daily meeting of the West. Ex. Com. was called to order Friday, May 15th; all members present; Mr. Grant being in the Chair. The minutes of the previous meeting were read and approved.

All Plants under date of May 12th reported their fire apparatus had been tested and found to be in good order.

Report submitted by the Phila. Plant, showing condition of authorized improvements, together with amount expended to date.

Report submitted from Manager MacLean, Durango Plant, in regard to the strike situation among the coal miners in that district; suggesting that coking slack be shipped to Durango for their coking ovens for the moral effect it would have upon the strikers: Referred to Mr. Guiterman.

Situation of Coal strike situation at Durango.

Letter from the Ex. Com., returning Murray Plant requisition #1, for better fire protection duly approved; also calling attention to difference in lead contents of certain mattes received at the Phila. Plant from the Globe, Pueblo & Eilers Plants, the lead in the matte from the two former Plants being much higher than the latter, and desiring to know the cause: Referred to Mr. Eilers.

Murray req #1 approved Differences in Pb contents of mattes rect at Phila.

Letter from Manager MacLean, reporting that the engine recently shipped to that Plant was in bad condition account bad usage at Mingo; will require the services of a first-class machinist sent from Denver to put same in good order, as cylinders will have to be re-bored, and various other parts replaced. It was the sense of the meeting that the Ex. Com. should be informed of the condition of this engine, as it was reported by the Chief Engineer that it was in good order, also that arrangements be made to have a proper party sent to Durango to repair same.

Bad condition of Mingo engine transferred to Durango

The advisability of changing the present double bowl slag cars at the Globe Plant to single pots of larger dimensions, and sending the discarded pots to Leadville, was discussed, and the matter was referred to Messrs. Guiterman & Eilers to report as to cost of such change.

Change of Slag Pots at Globe considered.

Mr. Newhouse then submitted report upon the general Utah situation, in which he recommended that for the present no effort should be made to operate the Germania Plant upon a pyritic basis after the Murray Plant is put in operation. Recommendations as submitted by Mr. Newhouse, and report in general, were approved, and ordered forwarded to the Ex. Com. for their information.

Utah situation by E. L. N.

No further business appearing, the meeting adjourned.

Edwin Anderson
Secretary,
Western Executive Committee.

The regular daily meeting of the West. Ex. Com. was called to order Thursday, May 29th, '02; Messrs. Grant, Sheedy, Newhouse & Eilers being present: Mr. Grant being in the Chair. Minutes of previous meeting read and approved.

Telegram read from Mr. Guiterman, at Salt Lake, recommending that Murray Plant Requisition #2 for trestle track be approved. Requisition was then approved, and the Secretary instructed to ask the Ex. Com. to wire their action on same.

Murray Re. #2 approved covering trestle track.

Letter from Manager Jones, advising that he had purchased the triangular strip of ground adjoining the Murray Plant property, in accordance with instructions; price \$4500.

Murray land purchased.

Letter from Mr. Eakins, advising that the value of the remaining patterns belonging to his Plant stored at the Iron City Foundry was about \$250. Secretary instructed to arrange to have them covered by insurance.

Value of remaining Phila. patterns.

Ore contract submitted by Manager Jones with Robert Palmer, Erie Mine, Bingham, Utah; maximum tonnage 1500 per mo., expires April 1st, '03; profit \$5.35 per ton. Contract approved.

Erie Mine contract approved.

Construction report submitted under date of May 26th from the A. V. Plant, Durango and Murray Plants: Referred to Mr. Eilers.

Estimate of operations for month of June submitted by A. V., Germania, Durango, Globe and Grant Plants.

Letter from Manager Whitley, advising he had paid Mr. Marsh's salary only up to May 1st. It was the sense of the meeting that Mr. Marsh's salary between the dates of May 1st and May 10th, the latter being the date he reported at the Eilers Plant, should be charged to the Eilers Plant.

Payment of Marsh's salary for May, &c.

Following communications from Ex. Com.:-

(1) With reference to the advisability of building two or three large new furnaces at the A. V. Plant; location of same in reference to present old ones: Referred to Mr. Eilers.

New furnace proposed for A. V.

(2) Relative to absorptions in certain roasters at the Phila. Plant, enclosing recommendations from Mr. A. Eilers regarding taking same into May 1st inventory, and directing that such recommendations be complied with.

Phila. absorptions

Letter from Mr. A. Eilers, calling attention to certain points of construction in the plan of new blast furnaces to be built at Durango: Referred to Messrs. Guiterman & Eilers.

Change in plan for new furnace Durango.

No further business appearing, the meeting adjourned, to meet on Monday, June 2nd, '02.

Edwin Hudson

Secretary,
Western Executive Committee.

The regular daily meeting of the West. Ex. Com. was called to order Monday, June 2nd, 1902; Messrs. Sheedy, Guiterman & Eilers present: Mr. Sheedy being in the Chair: Minutes of previous meeting read and approved.

All Plants, under date of May 26th, reported their fire apparatus had been examined and found to be in good condition.

Requisitions to approve current repairs for April submitted by all Plants; the total of these requisitions compared with similar requisitions for March indicating a decrease in expenditure of some \$5000: Requisitions approved.

Req. for April repairs compared with May.

Communication read from Mgr MacLean, requesting that his Plant be supplied with coal and coke, as the expected change in the strike situation had not taken place.

Coal & Coke required at Durango acct strike

Letter from Mr. Stettenheim submitted, advising that the Maryland Casualty Co. still decline to carry insurance upon two small locomotives at the Pueblo Plant until repaired. No action taken as the two locomotives in question were not in use.

Maryland Co decline to insure locomotives at Pueblo Plant.

Estimate of operations for June reported by the Phila. and Pueblo Plants, also report of operations at the Phila. Plant for May submitted.

Requisition #19 submitted by the Pueblo Plant, being authorization for \$1700 additional required to rebuild blast furnace #2, this additional amount being asked for account blast furnace #1 having cost \$6700 instead of \$5000 as estimated in the original requisition. Requisition approved.

Pueblo Plant Req #19 re-bldg Blast furnace #2-cost &c

Requisition #20 from Pueblo Plant, amounting to \$6700 for rebuilding blast furnace #3: Referred to Mr. Guiterman to submit report as to the necessity for this appropriation.

Pueblo Plant Req #20, re-bldg Blast furnace #3.

Request submitted by Parson Uzzel for a donation account Orphans' Picnic. It was the sense of the meeting that \$5 should be subscribed.

Following communications from Ex. Com.:-

Returning annual report required to be filed with Auditor of State of Colorado. Secretary advised that the document in question had been filed in the office of the Auditor of State on Saturday May 31st.

Annual report for State Auditor filed

Ex. Com. Circular letter #49, relative to advising the auditor of any changes of parties who are entitled to reports; also Circular #50, advising the appointment of Mr. A. Raht as Consulting Metallurgist, together with a letter of instructions regarding Mr. Raht's immediate duties.

Ex. Com. Circular #49 & #50 advising appointment of A. Raht as Consulting Metallurgist & in re changes

Calling attention to item of driving horses at various plants as indicated in April expense statements, particularly the Eilers and Phila. Plants. Secretary instructed to take the matter up with these two plants, with a view to having this item reduced if possible.

Driving horse expense at various plants.

Decrease in profits at Germania Plant as a result of a decrease in margins, increase in costs, and a less tonnage smelted during last four months: Referred to Mr. Newhouse, who is at present in Salt Lake City.

Germania profits discussed

Advising it had been decided to place the matter of purchases entirely in the hands of the N. Y. Pur. Agent, Local Supply Agent to act as assistant to Gen'l Pur. Agent, and to report to him.

Purchase matters entirely hand of Y. Pur. Agent.

Enclosing application from Prof. Miller, of Columbia College, for placing one of their tutors in a laboratory of this Company for the summer. It was the opinion of the Committee that there was no position in which this party could be placed.

Referring to power recommendations for various plants as made by Engineer Robinson, and requesting report of this Committee: Referred to Mr. Guiterman.

Power reports requested.

Desiring recommendation of this Committee regarding Matthieson & Heggeler roasters for the zinc plant.

Roasters for Zn Ra discussed

Advising it had been decided to make no large improvements at the Phila. Plant or any of the Valley Plants at present, preferring to see what effect the starting of the Murray Plant would have upon the ore supply at Colorado Plants.

Large improvement at Phila. deferred.

Copy of a telegram addressed to Mr. Newhouse, at Salt Lake, directing him to make certain arrangements with the Utah independent smelters for division of certain ores.

Division Utah independent o:

Returning Phila. Plant requisition #26 approved, covering additional slag shell handling facilities.

Phila. Rec #26 returned.

Requesting report of roasting losses upon Huanchacca ores. Referred to Mr. Eilers.

Report on roast. loss requested on Huanchacca ores.

No further business appearing, the meeting adjourned.

Edwin Anderson
Secretary,
Western Executive Committee.

The regular daily meeting of the West. Ex. Com. was called to order Wednesday, June 4th, 1902; Messrs. Sheedy, Guiterman & Eilers present: Mr. Sheedy being in the Chair. Minutes of previous meeting read and approved.

Letters from superintendents of Eilers and Phila. Plants, advising they did not believe it advisable to reduce their present number of driving horses at those plants; both plants now having two driving horses, the Phila. having recently reduced their number from three to two.

Driving Horse expense

Construction reports submitted by Durango, A.V. and Murray Plants under date of June 2nd; also monthly reports of operations at the Globe and Grant Plants for May.

Mr. Guiterman submitted report showing advisability of approving Pueblo Plant requisition #20 for rebuilding blast furnace #3, also the advantages that would accrue to that Plant if all of the present old furnaces (except #7) were gradually replaced with a furnace of a type similar to #1; estimated saving per ton of charge being 33%. Mr. Eilers also submitted a letter, calling attention to the necessity of rebuilding furnaces at certain other plants, which, in his opinion, required rebuilding as well as those at the Pueblo Plant; and to his letter was attached a letter from the Ex. Com., written last December, in which it was stated that at that time it was not their wish to rebuild all the Pueblo Plant furnaces. Requisition for rebuilding furnace #3 was approved, and the Secretary was instructed to forward reports from both Messrs. Guiterman & Eilers to the Ex. Com., and ascertain if they were still of the opinion that all of these furnaces should not be gradually changed.

Pueblo Plant Req. #20 (rebl'd Blast #3) discussed and approved.

Mr. Guiterman submitted a report with reference to type of roaster to be used at the zinc plant, stating the conclusion arrived at was in favor of erecting a Matthieson & Heggeler furnace, and suggesting that if this met with the approval of the Ex. Com., that they arrange to secure plans of same. Report ordered forwarded to the Ex. Com.

Roaster for zinc plant discussed

Amended blank form A. D. #118 submitted by the Auditing Department, and approved.

A. V. Requisition #21 submitted, amounting to \$6300, providing for certain changes in the electric light system and installation of a number of motors to replace certain boilers now in use at that Plant. These changes as indicated in this requisition were contemplated in the original general power requisition, but the cost of same was not provided for. The requisition in question was approved, and ordered forwarded to the Ex. Com. for consideration.

A V Req #21 Electrical changes approved.

No further business appearing, the meeting adjourned.

Edwin Anderson
Secretary,
Western Executive Committee.

The regular daily meeting of the West. Ex. Com. was called to order Monday, June 9th: Messrs. Guiterman, Newhouse & Eilers present: Mr. Guiterman being in the Chair. Minutes of meeting of June 4th read and approved.

Letter from Ass't Manager Smith, Germania Plant, answering Ex. Com.'s letter relative to decreased margins and tonnage at that Plant, submitted and ordered forwarded to the Ex. Com.

Decrease
Germania
margins

Ore contract submitted for approval by Manager Jones with the Spanish Mine, of Bingham, and Black Eagle Mine, of Nevada; both providing for a maximum tonnage of 500 per mo., and for a period of one year: Approved.

Contract
Spanish
Mine & Bl.
Eagle.

Comparison of work done by the new #10 furnace at Phila. Plant with the other two large furnaces at that Plant, submitted by Mr. Eilers, and ordered forwarded to the Ex. Com.

Comparis
of furna
Phila.Pl.

Letter from Mr. Stettenheim, advising that the Ins. Co. had withdrawn insurance covering patterns belonging to the Eilers and Pueblo Plants, and that he was endeavoring to have same covered again.

Ins.with
drawn on
Pueblo &
Eilers
patterns

All Plants under date of June 4th reported their fire apparatus had been examined and found to be in good condition.

Application received from Mr. P. H. Argyle, son of Mr. Phillip Argyle, for position in one of the laboratories of this Company during the summer. In the opinion of the Committee, it was advisable to place promising young students in the various laboratories with a view to making selections from them in the future, and as similar parties had been placed at the Globe and Eilers Plants, it was, therefore, decided that this young man should be placed at the Grant Plant, and the Secretary was instructed to notify Mr. Livingston.

Position
at Grant
Plant gi
Student
Argyle.

On account of private business, Mr. Rodman advised that he would be unable to continue his services as Manager of the A. V. Plant, and tendered his resignation, to take effect July 1st. The Committee regretted the necessity of this action on Mr. Rodman's part, but upon motion of Mr. Newhouse, seconded by Mr. Eilers, his resignation was accepted; and Mr. W. B. McDonald was appointed to fill the vacancy, subject to the approval of the Ex. Com., with title of Acting Manager, with no increase in salary for the present until his ability to fill the position has been proven, and that the duties which had been performed by Mr. McDonald in the past shall in future be performed by Mr. Lyne: Motion carried.

Resignat
of J. Ro
man; App
of W.B.M
Donald a
Act.Mgr,
H.Lyne t
attend t
freight
matters.

Following communications from the Ex. Com.:-

Relative to salaries of assistant superintendents at the valley plants in Colorado. Advising that recommendations of this Committee in this matter were approved. It was the opinion of the Committee that the salaries of assistant superintendents Griswold at the Globe, and Smith at the Grant Plant should be increased to \$200 per mo., effective July 1st, and the Secretary was instructed to notify the superintendents of these Plants accordingly.

Salaries
Ass't Si
discuss

(2) Stating it was not the wish of the Ex. Com., that the Union Plant be completely dismantled. In this connection the Secretary was instructed to ask Manager Rodman if any portion of the roasters or stack at the Union could be used to advantage in the construction of the new roasters at the A. V. Plant.

Dismantling Union Plant discussed

(3) Calling attention to the large expenditures for water jackets at the Globe, Phila., and Durango Plants compared with other Plants; also repair items for separators and matte settlers at Globe. and Phila. Referred to Mr. Guiterman.

Large expenditures at various plants

(4) Circular Letter #52, advising the transfer of Mr. Diefenbach, Manager of the Monterey Plant, to Mexico City, as General Representative.

(5) Approving Globe req. #20, A. V. #20, Murray #2, and Pueblo Plant #19.

(6) Advising that the Omaha Plant requires all ores that it is now receiving.

(7) Letter from Mr. A. Eilers, with reference to type of roaster for the Zinc Plant: Referred to Mr. Guiterman.

(8) Relative to cost of detective service at Leadville. The Secretary stated this cost was 25¢ per man employed at the A. V. Plant, in accordance with arrangement with Mine Managers' Association.

Detective service at Leadville

(9) Referring to coal storage bins at Durango; suggesting that size of same be reduced. It was the opinion of the Committee that these bins were not too large, having been planned to hold 25 days' supply, and inasmuch as all the material for the construction of the bins was on hand, and they were not very expensive, no change be made.

Durango coal storage bins

Mr. Newhouse reported regarding the Utah situation, and advised that the tax assessment for the Murray Plant had been cut down by the assessor from \$400,000 to \$300,000, and that it was arranged for Atty Bradley to appear before the Board with a view to a further deduction if possible.

Utah situation; reported by ELN; Murray assessment reduced.

Mr. Newhouse reported that it would be necessary to make some concession to the Ontario Mg Co., at Park City, upon their low grade material, as at present they were mining same at a loss. He recommended that a reduction of 75¢ per ton be made in their treatment charge upon ore carrying less than \$20 gross value. Recommendation approved, and the Secretary was instructed to so notify Manager Jones; reduction to be effective upon shipments on and after July 1st.

Concession to Ontario Co.

Mr. Newhouse then submitted a written report, covering the proposed agreement with the Bingham Smelter people for a division of Utah dry ores; also for a portion of the sulphide ores belonging to that Company. Report and recommendations as made by Mr. Newhouse were approved by the Committee, and ordered forwarded to the Ex. Com.

Agreement on division of Utah dry & sulphide ores.

Pueblo Plant req. #21 submitted, being authorization for building six hopper bottom ore bins, at an estimated cost of \$300 each; estimated saving \$10 per day. Requisition approved.

Pueblo req. #21 (ore bins) approved

7

Durango Plant req. #16 submitted, covering changes in lighting system at that Plant, and also for motors to replace engines at the sampling mill, machine shop, and Pearce turret roasters; estimated cost of motors \$2300; change in lighting system \$1300; total appropriation requested \$3600: Requisition approved.

Durango re
#16(light
system &
motors)
approved.

Edwin Anderson

Secretary,
Western Executive Committee.

Owing to the absence of a quorum, no meeting were held from June 10th to 15th inclusive.

Edwin Anderson

Secretary,
Western Executive Committee.

The regular daily meeting of the West. Ex. Com. was called to order Monday, June 23rd, '02; Messrs. Grant, Newhouse and Guiterman being present: Mr. Grant in the Chair. Minutes of meeting of June 16th read and approved.

Contract with Amos Aspey, submitted by Mr. Guiterman, granting this party the privilege of making bricks on the Pueblo Plant grounds, providing for a royalty of 50¢ per M to this Company; expires December 1st, 1902; privilege of cancellation on part of this Company if work detrimental to smelting operations: Contract approved.

Aspey contract for brick making Pueblo Plant; royalty, etc.

Manager Rodman submitted request as made upon him by the Y. M. C. A., of Leadville, for a donation of \$100 to maintain their organization: Request declined.

Donation to YMCA Leadville declined. Ins. on Patterns renewed.

Letter from Mr. Stettenheim, advising insurance had been again cancelled upon patterns stored at the Iron City Foundry, but that he had succeeded in rehewing same.

Usual weekly construction report under date of June 16th submitted by the A. V., Durango and Murray Plants.

Letter from Manager Rodman, relative to detective service at Leadville, and cost of same to this company; comparison being made between present arrangement with the Mine Managers' Ass'n, and private arrangement a year ago; cost being approximately the same. Copy ordered forwarded to the Ex. Com.

Leadville Detective Service; cost, &c.

Manager Rodman submitted letter as written him by Sup't James, in which he attributed to a certain extent the poor metallurgy at that Plant for May to running 2-5 slag, and that he had returned to the 1-2 slag. Ordered forwarded to the Ex. Com.

A. V. May Metallurgy poor quality due to slag changes.

Letter from Wolcott, Vaile & Waterman with reference to Liability of the Zinc Co. in case of accidents to employees while employed by contractors. As the question of liability was not considered clear, the Secretary was instructed to arrange with the Ins. Dept for Employers Liability to cover any employees that might not be engaged in contract work.

Liability matters at zinc plant arranged for.

Requisitions to Approve Current Repairs and Supplies for month of May all Plants submitted and approved; Mr. Guiterman being requested to take the matter up with certain Plants whose repairs indicated an excessive amount.

Freight Agent McDonald submitted agreement as made with the railroads covering demurrage charges at Pueblo. This provides for two days on unloading track, and six days for ore and eight for fuel on storage track free: Effective July 1st, '02.

Railroad demurrage agreement

Letter from Manager Rodman, advising that he had dispensed with day watchman at Bi-Metallic Plant, and had made arrangement to dispense with both day and night watchmen at the Union Plant by permitting an employee to live in the Union Plant office.

Leadville watchmen dispensed with

Sup't Mosman, Eilers Plant, advised certain land between his Plant and Santa Fe Ave. had been fenced in by E. G. Midlekamp, including some land belonging to the Eilers Plant, advising that he had referred the matter to Att'y Dubbs.

Eilers Plant land fenced in by outside party.

All Plants under date of June 16th reported their fire apparatus had been examined, and found in working order.

Letter from Controller in reference to date the increase in salary of Ass't Sup't Marsh was effective, this Committee's instructions being May 10th, while Mr. Marsh advised he understood it was effective May 1st. Secretary reported that instructions from Ex. Com. provided for this increase when Mr. Marsh resumed his position at the Eilers Plant, which was May 10th, and that no instructions had been received changing this date.

Question date Marsh increased salary is effective

Sup't Eakins reported further regarding operations of the Wefugo Water Purifying System, including analysis of water before and after treatment by the Plant: Referred to Chief Engineer Robinson.

Wefugo Plant operations at Phila.

Mr. Guiterman submitted bids for erecting office building, mess house, laboratory, etc. at the Zinc Plant, these bids ranging from \$16,000 to \$20,000. Architect reported if made of wood, could be built for about \$2,000 less. It was the opinion of the Committee that this cost was excessive, and referred back to Mr. Guiterman with a view to decreasing number of buildings and cost of same.

Proposed buildings Zinc Plant cost excessive; to be reconsidered

Report of operations at the Germania Plant submitted for May, and Secretary instructed to wire Mr. K. Eilers, now in Utah, to investigate the metallurgy as indicated in this report.

Germania May metallurgy to be investigated

Following communications from Ex. Com.:-

Enclosing copy of report as made by Chief Engineer Robinson on power plant at El Paso.

Relative to disposition of Ass't Sup't Hazelton, at Germania Plant when that Plant is closed. Secretary instructed to advise the Committee that no conclusion had as yet been reached.

Disposition of Sup't Hazelton

Confirming recommendation of this Committee that Mr. McDonald be appointed Acting Manager at the A. V. Plant.

Approving Pueblo Plant requisition #21, for hopper bins.

Calling attention to difference in sampling Idaho ores received at Germania, and recently at East Helena, and desiring to know how results check at the Globe Plant: Referred to Mr. Newhouse.

Sampling difference on Idaho ores at Germania

Advising the appointment of E. F. Baker as Superintendent of Motive Power and Machinery at Murray Plant; salary \$250 per month, effective July 1st. Secretary instructed to advise Manager Jones accordingly.

Appointment of E.F. Baker as Sup't Murray.

Acknowledging receipt of report of work done by the Brown-O'Hara roaster #1 at Pueblo Plant for May, requesting that similar reports for the next three or four months be made.

May operations Brown-O'Hara #1 Pueblo Plant.

Returning Durango requisition #16, without approval, for motorizing certain engines at that Plant, and alterations in electric light system, calling attention to the fact that these improvements are authorized in requisition #13.

20
Durango R
#16: already
covered by
#13.

Approving recommendations of this Committee that certain material at the Union Plant in roasters and stack be utilized at the A. V. Plant, and authorizing the complete dismantling of the Union Plant.

Union mate
ial used a
A.V., & dis
mantling
Union.

Letter from Mr. A. Eilers in reference to so-called Eilers tuyeres: Referred to Mr. Guiterman.

Calling attention to large stock of nails and machine bolts at the Pueblo Plant as indicated in their recent inventory, suggesting that other Pueblo Plants be supplied from this stock. Secretary instructed to take up the matter with the superintendent at the Pueblo Plant, and with the Supply Agent.

Large stoc
Nails &
Bolts at
Pueblo
Plant
discussed.

No further business appearing, the meeting adjourned.

Edwin Anderson
Secretary,
Western Executive Committee.

The regular daily meeting of the West. Ex. Com. was called to order Tuesday, July 1st, '02; all members present: Mr. Grant being in the Chair. Minutes of previous meeting read and approved.

Reports submitted by all Plants, giving estimates of operations for the month of July.

Contract submitted by Manager Jones for output of Jordan M. & M. Co., period 2 years; maximum 1500 tons per month; profit \$5.71 per ton. Contract approved.

Jordan M & M Co. contract

Report submitted by Sup't Eakins, Phila. Plant, regarding operations and general conditions as prevailed at that Plant during the month of June.

Mr. K. Eilers submitted report regarding metallurgical work at Germania Plant for the month of May. From this report it would appear that if certain matters were taken into consideration, the results were normal compared with work for the year done at the Plant. He also submitted report regarding operations and conditions at Murray Plant as he found them upon his recent visit to Utah. Both reports approved, and ordered forwarded to the Ex. Com. for their information.

Germania metal-lurgical work.

Mr. Waterman, of Wolcott, Vaile & Waterman, was then invited to appear before the Committee, and the suit to be brought against this Company by the Attorney General of Colorado for the appointment of a receiver was then discussed, and a plan of action outlined.

Threat of Att'y Gen' discussed plan outlined.

Following communications from Ex. Com.:-

Referring to gold losses at the A. V. Plant for the past year; desiring statement be submitted showing total gold loss at that Plant as a result of settling for ores on split assays and umpires, such settlement assays being uniformly higher than the smelter assay. Secretary reported he had asked Manager Rodman for such a statement.

A. V. gold losses for past year statement requested

Advising Omaha Plant would require all crude ores it has been receiving in the past, and possibly more.

Relative to metallurgical work at the Phila., A. V. and Germania Plants, and the advisability of Mr. Raht dividing his time between the A. V. and Phila. Plants, also suggesting the possible transfer of Sup't Eakins to a minor position. It was the opinion of the Committee that no critical state of affairs existed at the A. V. Plant, and that it would be better for Mr. Raht to confine himself to the bettering of operations at the Phila. Plant. It was also not deemed advisable to make any arrangements with a view to transferring Sup't Eakins at the present time, as the Committee did not believe that a better party could be placed in his present position.

Metallurgy at various Plants discussed

Transfer of Sup't of Phila. not approved.

In reference to an additional blowing engine required at the Murray Plant, suggesting requisition be made for same: Referred to Mr. Eilers.

Blow engine for Murray

Relative to certain details of construction at the Durango Plant, taking exception to certain points of construction as proposed by this Committee. It was the opinion of the Committee that a letter should be written the Ex. Com., requesting that, inasmuch as this Committee were now fully advised as to the wishes of the Ex. Com. and the Engineering Department in New York regarding the plan of construction at the Durango Plant, that they be authorized to proceed with this work at once in accordance with this Committee's best judgment, at all times endeavoring to comply with the wishes as expressed by the Engineering Department in New York. Unless something is authorized along this line, it is feared that much delay will result and the consequent loss of revenue to the Company as a result of not having improvements made at the earliest possible date.

Durango construction matters discussed.

No further business appearing, the meeting adjourned.

Edwin Anderson

Secretary,
Western Executive Committee.

The regular daily meeting of the West. Ex. Com. was called to order Monday, July 7th, '02; Messrs. Sheedy, Grant & Guiterman present: Mr. Sheedy being in the Chair. Minutes of previous meeting read and approved.

All Plants under date of June 30th reported their fire apparatus had been examined, and found to be in good order.

Letter from Sup't Rhodes, Murray Plant, reporting regarding amount of dross he was making, and requesting permission to erect a small dressing furnace. As Mr. K. Eilers was on his way to Utah, the Secretary was instructed to wire Mr. Rhodes to confer with Mr. Eilers regarding this matter. Request for dross furnace at Murray

Letter from Auditor, advising that it is the wish of the Ex. Com. that all scrap iron on hand at the various plants should be disposed of on account of the present high price for this material: Referred to Mr. Guiterman. All scrap iron to be disposed of

Letter from the A. V. Plant, enclosing report as made by Treasurer Weddle, of the Mine Managers' Ass'n, showing assessments made and receipts from June 1st, '01, to June 1st, '02; also indicating the amount as paid by the American Co. compared with amount paid by mine owners. Leadville Copy ordered forwarded to the Ex. Com. Receipts & assessments acc't Mine Mgrs' Ass'n

Letter from Ass't Manager Smith, in Utah, in reference to his proposed transfer to East Helena, stating that it was his preference to remain where he is, suggesting, however, that should the transfer be insisted upon, he would go, but requested an increase in salary of \$100, making his total salary \$450 per month; also objecting to living in the mess house at East Helena, desiring permission to reside at Helena on account of school facilities. It was the opinion of the Committee that permission be granted him to reside at Helena, but that nothing could be done for him in the matter of increase in salary, or permitting him to remain in Utah. Smith's objection to transfer to East Helena.

Letter from Mr. Stettenheim, in reference to placing Employers Liability insurance upon the Zinc Plant, at Pueblo. Secretary instructed to advise him that it was not the wish of the Committee that this class of insurance be arranged for at present. Zinc Plant insurance matters.

Opinion submitted by Wolcott, Vaile & Waterman upon the application of the Utah 8 hour law to engineers, firemen, etc., indicating that this law applied to this class of labor, holding that all employees at a smelter, regardless of their duties, came under this law. Utah 8-hr law; opinion on classes included

Letter from Acting Manager McDonald, desiring permission to sell a hand punch and shears at the Bi-Metallic Plant for \$100. Secretary instructed to inform him not to dispose of this machinery, as it was the intention to use it elsewhere. Bi-Met. machinery not to be sold.

Mr. Guiterman submitted report as made by himself to the Ex. Com., in reference to a proposed relief department for this Company. The proposition as submitted by Mr. Guiterman was approved by the Committee. Report & F.G. on Relief Dept.

Letter from Agent Braden relative to bond to be furnished by the Empire State Co., account suit in the Skookum and Ella Mineral Claims; also regarding the proposed arrangement permitting Coeur d'Alene shippers to draw for only 90%, and final settlements to be made only upon smelter results; advising the matter was held open awaiting a conference with Mr. Sweeny. Secretary instructed to ascertain when this proposed arrangement would become effective, and that in the opinion of the Committee no exception should be made to the Empire State Co. in this matter.

Bond in
& Mineral
claims
Coeur d'
Alene set-
tlements

Following letters read from the Ex. Com.:-

Reference to the 100 tons of lead to be held at the Globe Plant for the C.F. & I. Co., suggesting that the Committee cancel this arrangement if it could be done. It was the opinion of the Committee that it was not desirable to do anything in this matter, as the arrangement with the Fuel Co. was considered final; this arrangement, in fact, merely providing that, in case this stock was removed from the Globe Plant, the Fuel Co. were to be notified, when they would arrange to purchase a sufficient stock. Unless this stock was so removed, there was no obligation involved by either party.

Globe lead
held acc't
CF&ICO

Acknowledging receipt of power recommendations for the Zinc Plant.

Advising that it had been decided to not dismantle the lead refinery at Argentine; also that it was not the wish of the Ex. Com. that any second hand material from any plant of the American Co. be transferred to the Zinc Plant without the full approval of Mr. Sulberg: Referred to Mr. Guiterman.

Argentine
refinery no
to be dis-
mantled; &
2nd hand
material
for Zn Plan

Desiring information regarding claim of this Company against the Mine & Smelter Supply Co., account royalty upon the Ropp furnace at Leadville. As Mr. Newhouse had this matter in hand, the Secretary was instructed to request the Ex. Com. to take the matter up with him in New York.

Ropp royal-
ty acc't
M & S S Co
claim.

Submitting statement of metallurgical work as done at all plants in Colorado and Utah during part of June: Referred to Mr. Eilers.

Advising that the U. S. Zinc Co. purchases be handled in all respects the same as American Co. business: Referred to Mr. Guiterman.

Handling
Zinc Co
business

Advising it was their intention to endeavor to collect shortages as a result of sampling Empire State ore shipped to the Globe Plant.

Collection
of shortage
on Empire
State

Calling attention to the excessive amount of arsenic in Germania copper bullion, and asking if something could not be done to prevent this: Referred to Mr. Eilers, who is now in Utah.

Arsenic in
Germania
bullion

Enclosing comparative statement upon supplies and repairs at various plants during May. Calling attention to these items at Phila. Plant in particular: Referred to Mr. Guiterman.

Comparative
May state-
ment of
supplies &
repairs

No further business appearing, the meeting adjourned.

Edwin Anderson
Secretary,
Western Executive Committee

The regular daily meeting of the West. Ex. Com. was called to order Tuesday, July 8th, '02; Messrs. Sheedy, Grant & Guiterman present: Mr. Grant being in the Chair. Minutes of previous meeting read and approved.

Letter from Acting Manager McDonald, Leadville, enclosing notice of lien as served by the attorneys of John Hunt, who recently secured judgment against this Company for \$4500 account injuries, for 1/2 of this judgment as attorneys fees. Secretary instructed to refer notice to the Frankfort Ins. Co. Attorneys Lien in suit by John Hunt

Letter read from the Mine & Smelter Supply Co., in reference to royalty on Leadville Ropp furnace, advising that the Park-Lacy Co., San Francisco, disclaim legal liability in the transaction, and intimating that they, the M. & S. S. Co., as a matter of justice should not be held responsible for this loss to the American Co. Letter referred to the Ex. Com. to take up with Mr. Newhouse. It was the opinion of the Committee, however, that in case a bond had not been furnished by these people, they should not be held liable in this matter. Royalty on Ropp furnace Leadville a/c Mine Sm. S. Co

Sup't Mosman submitted request from Clerk Yager, asking for an increase of salary. As this party compares assays at the Eilers Plant, and has been in the employ of the Company for about 11 years, it was the sense of the meeting that his salary be increased from \$110 to \$125 per month. Increase Clerk Yager salary at Eilers Plant

Report submitted from Dr. Lemen, showing attentions rendered the employees at the Grant and Globe Plants for the month of June.

Letter read from Manager MacLean, stating that inspection of last year's records would not indicate that there was poor reduction in his furnaces as a result of using Iowa lead concentrates on the roast: Referred to Mr. Eilers. Durango reduction in furnace

Usual monthly report submitted by Sup't Livingston, Grant Plant, regarding general operations for June.

Telegram from Ex. Com., approving recommendations as made in a letter from this Committee July 1st, regarding Durango construction. Durango Construction

Telegram from Manager Whitley, East Helena, advising that the strike at that Plant had been ended, and that 150 men had reported for work, and that Montana ores that have been coming to Colorado would be diverted to that Plant. East Helena strike ended

No further business appearing, the meeting adjourned.

Edwin Anderson
Secretary,
Western Executive Committee.

No meeting of the Western Executive Committee was held on Friday, August 1st, owing to the absence of a quorum.

Edwin Anderson

Secretary,
Western Executive Committee.

The regular daily meeting of the West. Ex. Com. was called to order Thursday, July 31st, '02: Mr. Sheedy being in the Chair. Minutes of previous meeting read and approved.

Request submitted by a Polish Catholic Church, at Globeville, asking for permission to solicit subscriptions from employes at the Globe and Grant Plants to erect a Church at Globeville. It was the opinion of the Committee that it was not advisable to grant this request, but that the matter be referred to the Ex. Com., with the recommendation of this Committee that \$500 be subscribed towards the erection of this Church.

Subscription requested by Polish Church at Globeville.

Construction reports, under date of July 28th, submitted by the Durango, A. V., and Murray Plant.

Letter submitted by Mr. Guiterman, advising it was impossible under existing conditions to standardize water jackets at the various Plants.

Standardizing water jackets.

Contract submitted with the La Belle Mng Co., Leadville; maximum 3000 tons; period 3 years; oxidized ores. Contract as submitted approved.

Contract La Belle Mng Co.

Letters from Acting Mgr MacDonald, Leadville, in reference to splitting assays on Leadville shipments, desiring to know if this arrangement extended to shipments to the Valley Plants. It was the opinion of the Committee that no change be made in the present Valley arrangement for settling Leadville ores.

Splits on Leadville shipments; in ref to Valley arrangement

Following letters from Ex. Com:-

Approving recommendations as made regarding transferring land to the Zinc Co. Referred to Mr. Guiterman.

Transfer of land to Zinc Co.

Regarding investigating coal lands in the vicinity of Crested Butte and Routt County. Referred to Mr. Guiterman.

Investigating coal lands.

Leaving the matter as to the advisability of purchasing outright, or leasing certain lands containing clay deposits to the judgment of this Committee. Referred to Mr. Guiterman.

Purchase of clay deposits

In reference to cutting off all non-marginal ores, and requesting in future Mr. Sheedy personally investigate, and pass on all contracts before being executed: Referred to Mr. Newhouse.

Non-marginal ores cut off.

No further business appearing, the meeting
adjourned.

Edwin Luduson

Secretary,
Western Executive Committee.

The regular daily meeting of the West. Ex. Com., was called to order Wednesday, August 6th, '02: Mr. Sheedy being in the Chair. Minutes of previous meeting read and approved.

Letter from Manager Braden, advising that the Standard Mg Co., declined to draw for only 90% of their proceeds, also suggesting that claim be made upon shipments from July 1st, '02, based upon smelter sampling. Secretary instructed to refer papers to Ex. Com., with request to advise if such claim should be made up, and also if it should be presented direct, or through the Ex. Com. In this connection, Mr. Newhouse stated that a number of Plants were complaining that they were not only unable to check Coeur d'Alene invoice assays, but there is also a shortage in weights.

Standard Co refusing to draw for 90% Claim propo on smelter sampling.

Supply Agent True advised that the Montgomery Machinery Co. desired to purchase a #4 Blower from this Company. It was the opinion of the Committee that the price to be asked for this Blower should be approximately 1/2 the price of a new Blower, delivered Colorado, provided a better price could not be obtained.

Montgomery Co. desire #4 Blower. Price proposed, &c

Letter received from the Denver Chamber of Commerce, desiring permission to permit delegates to the National Letter Carriers Association to visit the smelters at Denver. Permission granted.

Permission granted to Letter Carriers to visit Plan

Usual monthly letters submitted by the Eilers Pueblo, Phila., Grant and Globe Plants: Referred to Mr. Newhouse.

Letter from Mr. K. Eilers, in reference to operations at the Murray Plant, and suggesting in future that Mr. Rhodes address all communications through Manager Whitley. Matter held over to be referred to Mr. S. R. Guggenheim upon his arrival.

Murray operations; Future communications through Mgr Whitley.

No further business appearing, the meeting adjourned.

Edwin Anderson

Secretary,
Western Executive Committee.

The regular daily meeting of the West. Ex. Com., was called to order Tuesday, Aug. 26th, '02: Messrs. Sheedy, Guiterman & Newhouse present: Mr. Sheedy being in the Chair. Minutes of previous meeting read and approved.

Metallurgical statements submitted from the Murray and Germania Plants for the month of July. These statements indicated very poor metallurgy, particularly at the Murray Plant; and the secretary was instructed to request Mr. K. Eilers to make a thorough investigation, and report regarding same.

July
Metallurgy
Germania
Murray
Plants.

Usual weekly construction letter under date of Aug. 25th submitted by the superintendent at the Zinc Plant, showing progress in construction at that Plant for the week previous to that date. In this connection, Mr. Guiterman stated that arrangements had been made whereby it is hoped a sufficient number of masons were assured, and that this class of work would be finished within the next sixty or ninety days.

Zinc Plant
construction;
masons
assured to
finish
masonry in
about 90
days.

Secretary instructed to sign a bond for \$6000 on behalf of this Committee, required by the court in appealing the case of John Hunt, an employ at Leadville who recently secured judgment against this Company for \$4500, this action being taken on the advice of our attorneys.

Bond re-
quired by
Court in
J. Hunt
suit.

Communication received from the Bogue Lead Co., requesting that they be advised before all lead is removed from the Globe Plant, in order that they may purchase a year's supply. Secretary instructed to advise them that we would so notify them, but that it would be necessary for them to purchase their requirements for the full year at the time of being so advised of our intention to remove this lead.

Bogue Co.
advised
before
removal
of Globe
Lead.

Mr. Sheedy submitted a reply as received from the St. Vincent's Hospital, Leadville, in reference to employees receiving treatment at that institution. A certain statement in this letter not being clear to the Committee, the Secretary was instructed to refer same to Manager McDonald for explanation.

In ref. to
treatment
of employees
at St. Vin-
cent's Hospi-
tal-Lead-
ville.

Letter received from Manager Whitley, advising that he believed it would be necessary to submit a requisition for certain tracks required at the sulphide mill in order to properly handle cars. In this connection, the Secretary was instructed to write Mr. K. Eilers that, in view of the number of requisitions that have been submitted by the Murray Plant, he advise this Committee the probable amount of money that would be required to put the Plant upon a successful operating basis, and the necessity for each improvement.

In ref. to
tracks at
Murray
sulphide
mill; req-
necessary
Referred to
K.E.

Letter received from Manager Braden, East Helena Plant, requesting recommendations of this Committee as to type of locomotive to be installed at that Plant for slag handling. Secretary instructed to advise him that if steam locomotives had been decided upon, they would recommend a certain type of locomotive now in use at the Phila. Plant; recommendations, however, to be made by the Ex. Com., that it might be advisable to instal electric locomotives at that Plant, instead of steam engines.

Type of
locomotive
for slag
handling
E. Helena

Letter submitted from Manager Whitley, containing request from the Travellers Insurance Co., for permission to solicit accident insurance from our employees, this Company guaranteeing their collections. This letter being referred to Mr. Guiterman, he recommended that this privilege be granted that Company, with the understanding that such soliciting must be done during the noon hour only, and that we reserve the right to cancel this privilege at any time; this arrangement being similar to one that is at present in effect at the Globe and Grant Plants. Recommendations of Mr. Guiterman were approved, and the Secretary instructed to notify Manager Whitley accordingly.

Travellers
Co. granted
permission
to solicit
at Utah
Plants.

No further business appearing, the meeting adjourned.

Edwin Anderson

Secretary,
Western Executive Committee.

Owing to the absence of a quorum, no meetings were held from August 27th to September 2nd, '02, incl.

Edwin Anderson

Secretary,
Western Executive Committee.

The regular daily meeting of the West. Ex. Com. was called to order Thursday, Sept. 4th, '02: Messrs. Sheedy, Guiterman & Newhouse present: Mr. Sheedy being in the Chair: Minutes of previous meeting read and approved.

Contract submitted with the Midget Gold M. & M. Co., Cripple Creek district; period one year; maximum tonnage 500 per month; prices based on prevailing Cripple Ck rates: Contract approved. Midget contract approved.

Usual monthly letters, covering operations at the Globe and Grant Plants for the month of August, submitted. In connection with the report as submitted by the Globe, Mr. Sheedy was requested to take the matter up personally with the Ex. Com., regarding the difference in returns upon bullion as made by the National and Omaha Plants; Omaha returns being much less than the National upon the same bullion.

Monthly operation Letters - Globe & Grant: D. S. to discuss Globe bullion shipments with Ex Com.

Letter received from Mr. Guiterman in the matter of this Company providing a boarding house for employes at the Zinc Plant, and suggesting that the Company erect a building. Recommendation as made by Mr. Guiterman was approved, and letter referred to Mr. Sheedy to take up with the Ex. Com., when he reaches New York.

Proposed Boarding House at Zinc Plant

Regarding the installation of locomotives for slag handling at the East Helena Plant: Mr. Guiterman submitted a letter in which he recommended that in view of the successful operations of electric locomotives at Pueblo and also at the Globe Plant, electric locomotives be installed at East Helena, instead of steam locomotives, as proposed by the engineering department in New York. The recommendations of Mr. Guiterman were approved, and the Secretary instructed to forward same to the Ex. Com., advising that it was the opinion of this Committee that electric locomotives should be used, instead of steam locomotives.

Kind of locomotive for E.H. slag handling purposed discussed. Electric recommended

No further business appearing, the meeting adjourned.

Edwin Anderson
Secretary,
Western Executive Committee.

The regular daily meeting of the West. Ex. Com. was called to order Monday, September 15th, '02: Messrs. Grant, Guiterman and Newhouse present: Mr. Grant being in the Chair. Minutes of previous meeting read and approved.

In reference to expense statements of various Plants for the month of July as submitted by the Auditor: The Secretary was instructed to take up with the Eilers Plant the item of \$5 under the head of newspapers and advertising for that month.

Item for
Newspapers
& Adv. in
Eilers July
Expense

All Plants under date of the 8th inst., reported their fire apparatus had been examined, and found to be in good condition.

Reports submitted by Dr. Black, Phila., Corwin, Eilers; and Lemen, Globe & Grant Plants, showing attentions as rendered employees for the month of August.

Weekly construction reports under date of Sept. 9th submitted by the Zinc Plant, A. V., and Durango Plants: Copies ordered forwarded to the Ex. Com.

Following communications received from the Ex. Com.:-

Calling attention to the large percentage of coke as used at the Globe and A. V., as compared with other Valley Plants. Secretary instructed to reply to this letter, calling attention to the fact that the Eilers and Grant Plants used a higher grade of coke than the Globe, and that the only Plant that could be compared with the Globe was Pueblo, which was using the same grade of coke, and that the average for three months at these two Plants was practically the same.

Percentage
coke used at
various
Plants com-
pared.

Advising that the A M W Co. have withdrawn their option given to Mr. Simon Guggenheim, and later assigned to the U. S. Zinc Co., for their output of Zinc Concentrates, claiming that same had never been accepted by this Company. Desiring to be advised of any action that may have been taken by this Committee in this matter: Referred to the Secretary to reply to same.

✓ AMW option
withdrawn
a/c not be-
ing accepted

Advising that Inspector Rau, for the Insurance Department, would inspect the various Plants under the jurisdiction of this Committee the latter part of this month.

Returning East Helena Plant Requisition #25, for painting sundry buildings at that Plant. Advising that this class of work did not require formal authorization, but came under the head of necessary repairs and supplies. Secretary instructed to notify the Plant accordingly, and advise them to proceed with the work if necessary.

E. Helena
req #25 re-
turned, for
painting
sundry bldg

Circular Letter #60, requesting that certain reports be submitted monthly to the Insurance Department, indicating the condition of fire apparatus; also enclosing form of report to use. Secretary instructed to supply all Plants with copies of this Circular and form.

Cir. #60,
reports de-
sired by
Ins. Dept
on apparat

Concurring in recommendation as made by Acting Manager McDonald, Leadville, that 8000 shares of the Publishing & Printing Co. be not disposed of at the present time.

Shares of
Pub. Co.
retained

Advising that they were unable at present to locate Ass't Sup't Budrow, now at the Phila. Plant, and suggesting that the matter be again taken up thirty days hence, if no place is found for him in the meantime.

Employment
for Budrow
discussed.

Statement showing metallurgical work at the various Plants for the last third of August: Referred to Mr. Grant.

Instructing that Foreman Heine be engaged for the Zinc Plant, in accordance with proposition as made by Mr. Shulte, and directing that Mr. Shulte be so advised. Secretary instructed to advise Mr. Shulte that we would engage this party at a salary of \$150 per mo., to begin on the date of his leaving Belgium, and that we would allow him \$500 as expenses for moving himself and family, also that a dwelling would be provided at the Plant, rent free; the dwelling to be of brick, four or five rooms, and to cost not over \$1200.

Foreman
Heine en-
gaged for
Zinc Plant,
Salary, &c.

Mr. Newhouse announced his intention of leaving for Salt Lake and the northwest on the 16th inst., to be absent several weeks.

No further business appearing, the meeting adjourned.

Edwin Anderson

Secretary,
Western Executive Committee.

The regular daily meeting of the West. Ex. Com. was called to order Thursday, October 9th, '02: Messrs. Sheedy, Grant & Guiterman being present: Mr. Sheedy in the Chair: Minutes of previous meeting read and approved.

Usual weekly reports concerning construction received under date of October 6th from the A. V., and Durango Plants.,

Reports received from the Grant, Globe and Pueblo Plants with reference to certain changes as recommended by Inspector Rau for better fire protection at those Plants. The Globe Plant reported that all recommendations had been complied with, with the exception of the new pipe line surrounding the Plant, which, in the opinion of the Committee, on account of the expense involved, is not considered advisable or absolutely necessary. Regarding the Grant Plant, the Superintendent at that Plant did not consider it necessary to make the proposed changed, and in this the Committee concurred. In connection with the Pueblo Plant, Sup't Howard submitted a statement showing that the greater part of the recommendations as made by Inspector Rau upon his previous visit had been complied with, and certain recommendations which were not complied with it was estimated would cost in the neighborhood of \$90,000. In the opinion of the Committee, proper protection was provided at that Plant, and the Secretary was instructed to advise the Ex. Com. regarding the situation at the above three Plants as indicated in these reports.

In ref to changes a/c better fire protection at various Plants.

Letter from Mr. K. Eilers, advising that he had closed the deal with Mr. Tate whereby this Company purchases the T. & J. quarry, and in future this Company would operate same. Copy ordered forwarded to the Ex. Com.

Limerock quarry deal in Utah closed by K. E.

Letter from Mr. K. Eilers, advising that in the opinion of Mr. Whitley and himself, it would be best to do all the smelting in Utah at the Murray Plant, and they would, therefore, arrange to discontinue smelting operations at the Germania Plant some time this month, leaving the Plant in such shape, however, that three furnaces could be operated again upon short notice if desired. Copy ordered sent to the Ex. Com.

All smelt in Utah to be done at Murray; Germania to be closed.

Letter from Manager Braden, regarding building additional assay furnaces at the Wallace Sampling Works, in case it has been decided to permit the Coeur d'Alene mine owners association the use of these furnaces: Referred to the Ex. Com. Also a letter from Mr. Braden, advising that it is his understanding that all claims which the American Co. had against the Coeur d'Alene miners previous to recent agreement are cancelled; desiring to be advised definitely regarding this matter: Referred to Ex. Com.

Additional assay furnaces proposed for Wallace Samp. Wks

On account of the Phila. Plant having dispensed with its assayers and chemists, the Secretary was instructed to notify the Pueblo Plant that in future that Plant would make the necessary assays on products produced at the blister copper furnaces.

Pueblo Plant to assay blister products from Phila.

No further business appearing the meeting adjourned.

Edwin Hudson
Secretary,
Western Executive Committee.

The regular daily meeting of the West. Ex. Com. was called to order Monday, Oct. 20th, '02: Messrs. Grant, Sheedy, Guiterman, Newhouse, and Messrs. A. Eilers and Simon Guggenheim, of the Ex. Com. present: Mr. Grant being in the Chair. Minutes of previous meeting read and approved.

Letter received from Sup't Eakins, Phila. Plant, with reference to placing John Buckovec, cripple, on the payroll, stating that this party's services in the past were very unsatisfactory, and suggesting that a lump sum be paid him, with a view to getting rid of him. Mr. Guiterman was instructed to take the matter up with Mr. Eakins, and if settlement could be effected up to \$300 that this be done.

In the matter of the Wallace Sampling Works, it was the opinion of the Committee that Manager Braden, at East Helena, should have general charge of matters connected with those works until Manager Titus is thoroughly familiar with same, and that Mr. Titus should confer with and be governed by Mr. Braden's recommendations; also if Mr. Braden's judgment it is advisable to retain Mr. Whitlaw, recent manager, for a few weeks until Mr. Titus is thoroughly posted, that he be authorized to arrange accordingly.

Statement submitted by Chief Clerk Williams, showing continued shortage in coke weights, particularly on material received from the Segundo ovens: Referred to Mr. Guiterman.

Following communications received from the Ex. Com.:-

In reference to an asset at the Grant Plant account money advanced the Sedalia Mining Co., and also one at the Eilers Plant for money advanced the Silver Cord Mining Co. Regarding the former, Gov. Grant stated that he would guarantee same, and in reference to the latter, the Secretary was instructed to take this matter up with the various parties interested in that property with a view to ascertaining the prospects of settlement of same. In the meantime the Ex. Com. to be advised that the accounts be continued to be carried as assets.

Desiring report of the working of the conveyor at the Bruckners at the Globe Plant: Referred to Mr. Guiterman.

Advising that it was not considered necessary to take further steps for better fire protection at the Grant, Globe, and Pueblo Plants.

Calling attention to a rabbling device at Aguas Calientes, which at present was being experimented with at that Plant: Referred to Mr. Guiterman.

Approving Murray Plant requisitions #7 & 8, covering two motors and a rotary pump respectively.

Enclosing letter from Gen'l Manager Morse, in which he recommends that there be no minimum on copper to be taken up on the metallurgical books. The Ex. Com. desired to know if this Committee concurred in these recommendations, and also if the present minimums for other metals should be abolished. It was the opinion of the Committee that no change be made in the minimums as now established.

Modifying previous instructions in reference to securing information of probable receipts from individual shippers, suggesting that this information be obtained through our representatives in the various camps, instead of from individual mine owners.

In ref to placing John Buckovec on Phila. payroll; proposed settlement by lump sum.

E.B.B. to have general charge of Wallace Wks until Titus is fully posted.

Shortage in Segundo coke weights

Sedalia & Silver Cord assets to be settled

Fire protection at Pueblo, Globe & Grant.

Minimums on metal books to remain unchanged.

In ref to securing information of probable receipts

Edwin Anderson

The regular daily meeting of the West. Ex. Com., was called to order Wednesday, October 22nd, '02: Messrs. Grant, Sheedy, Guiterman, K. Eilers, and Messrs. A. Eilers and A. R. Meyer, of the Ex. Com. present: Mr. Grant being in the Chair: Minutes of previous meeting read and approved.

Usual weekly construction reports, under date of October 20th, received from the A. V., Durango and Zinc Plants.

Letter received from Manager MacLean, Durango, desiring authority to contribute \$50 towards the annual fair held at that point. It was the opinion of the Committee that he be authorized to subscribe this amount.

Contribution to annual fair at Durango.

Letter received from Mr. Lyne, Gen'l Ore Pur. Agent, in reference to unsatisfactory sampling results as obtained at the Grant Plant, as a result of which the various Cripple Ck samplers object to consigning their material to that Plant. Referred to Mr. Guiterman.

Unsatisfactory sampling at Grant Plant

Mr. Guiterman brought up the question as to the necessity of furnishing the Zinc Plant with some system for purifying water, and recommending that an intermittent system be installed; estimated cost about \$1200. He was authorized ^{to arrange} for the installation of such a system.

Water purifying system authorized for Zinc Plant.

No further business appearing, the meeting adjourned.

Edwin Anderson
Secretary,
Western Executive Committee.